SONY

Compact Disc Player

Operating Instructions

CDP-C745
CDP-C545

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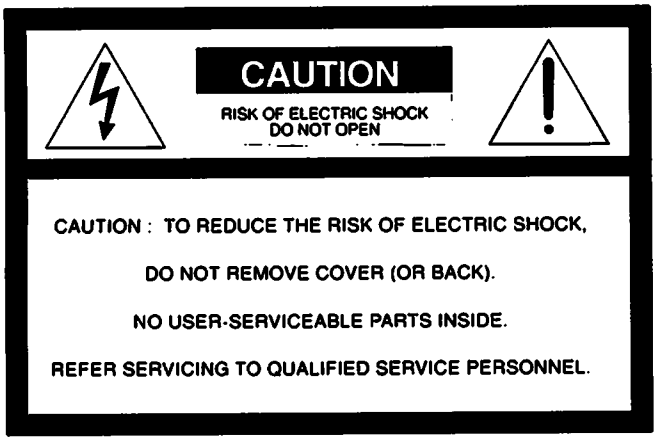
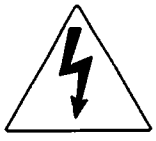
Warning

To prevent fire or shock hazard, do not expose the unit to rain or moisture.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

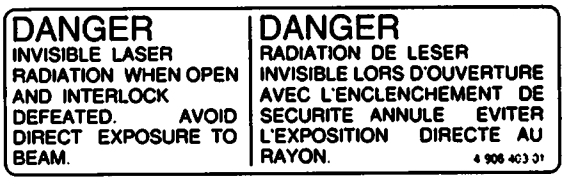
Owner's Record

The model and serial numbers are located at the rear. Record the serial number in the space provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. _____ Serial No. _____

For Customers in Australia

The following caution label is located inside the unit.


DANGER
INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCK DEFEATED. AVOID DIRECT EXPOSURE TO BEAM.
DANGER
RADIATION DE LESER INVISIBLE LORS D'OUVERTURE AVEC L'ENCLENCHEMENT DE SECURITE ANNULE EVITER L'EXPOSITION DIRECTE AU RAYON.

This appliance is classified as a CLASS 1 LASER product.
The CLASS 1 LASER PRODUCT MARKING is located on the rear exterior.

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Differences by Model

This instruction manual covers the CDP-C745 and CDP-C545.
Their performance is identical except for the following:

- The CDP-C745 has the DSP, level file and DSP file functions.
- The CDP-C745 comes with the remote commander RM-D745. The CDP-C545 comes with the RM-D545.
- The illustrations in this manual are of the CDP-C745.

Convention

This indicates a function operated only from the main unit.

This indicates a function operated only from the remote commander.

Precautions

Safety

- Should any solid or liquid object enter the cabinet, unplug the unit and have it checked by qualified personnel before operating it any further.
- Unplug the unit from the wall outlet if it is not to be used for an extended period of time. To disconnect the cord, pull it out by the plug. Never pull on the cord itself. The unit is not disconnected from the AC power source as long as it is connected to the wall outlet, even if the unit itself has been turned off.
- The AC power cord must be changed only at a qualified service shop.
- As the laser beam used in this unit is harmful to the eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.

Operation

- Do not turn up the volume while listening to a portion with no audio signals or very low level inputs. If you do, the speakers may be damaged when a peak level portion is played.

The disc tray

- If the disc tray does not close properly and slides out again, reinsert the discs.
- Be careful not to pinch your fingers between the disc tray and the unit.
- Place only one disc in a disc compartment at a time.
- When the disc tray is open, do not press down on it forcibly, nor place a heavy object on it.

Moisture condensation

If the unit is brought directly from a cold to a warm location, or is placed in a very damp room, moisture may condense on the lens inside the unit. Should this occur, the unit will not operate. Remove the disc and leave the unit turned on for about an hour until the moisture evaporates.

Maintenance

Cleaning your player

Clean the cabinet, panel and controls with a soft cloth lightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzine.

Notes on handling discs

- To keep a disc clean, handle the disc by its edge. Do not touch the surface.
- Do not stick paper or tape on the disc.
- Do not expose the disc to direct sunlight or heat sources such as hot air ducts, or leave it in a car parked in direct sunlight as the heat may cause the disc to warp.
- After playing, store the disc in its case.
- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the center out. Do not use solvents such as benzine, thinner, commercially available cleaners or anti-static spray intended for analog discs.

If you have any questions or problems concerning your player, please contact your nearest Sony dealer.

Unpacking

Choosing a Good Location

- Place the player in a location with adequate air circulation to prevent internal heat buildup in the player.
- Do not place the player on a soft surface, such as a rug that would block the ventilation holes on the bottom.
- Do not install the player:
  - near heat sources such as radiators or air ducts.
  - in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.

When moving the player

Before moving the player, follow the procedure below to return the internal mechanisms back to their original position.

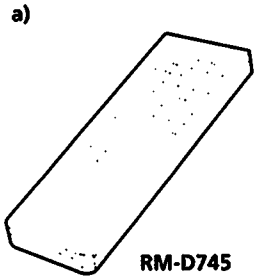
1 Remove all of the discs from the disc tray.
2 Press the ⏏ OPEN/CLOSE button to close the disc tray. Make sure that the "- NO DISC -" indication lights up in the front panel display.
3 Wait for 10 seconds, then press the POWER button to turn the player off.

Checking the Supplied Accessories

Make sure that all the supplied accessories are included with your player. This manual and the following items are included with your CDP-C745/C545.

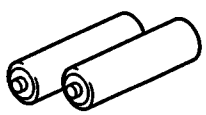
a) Remote commander (1)
   RM-D745 (CDP-C745)
   RM-D545 (CDP-C545)
b) Sony batteries SUM-3(NS) (2)
c) Audio connecting cord (1)

a)



RM-D745

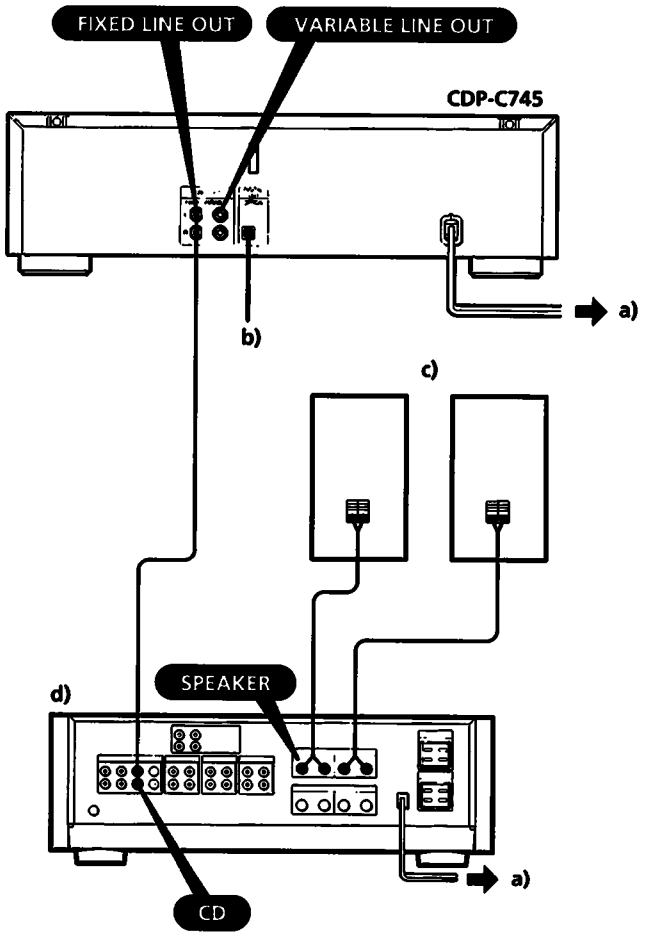
b)



c)

Hooking Up the System

A



Connect the unit to an amplifier as shown in fig. A

a) to an AC outlet
b) DIGITAL OUT (OPTICAL) connector
c) Speaker system
d) Amplifier

Notes on Making Connections

- Turn off the power to each unit before making connections. Connect the AC power cord last. For the model supplied with a plug adaptor, use it if the plug of the power cord does not match your AC outlet.
- Be sure to insert the plugs firmly into the jacks. Loose connections may cause hum or noise.
- Leave a little slack in the connecting cord to allow for inadvertent shock or vibration.
- Cord plugs and jacks are color coded: Red plugs and jacks are for the right channel (R) and white ones are for the left channel (L).

When using LINE OUT

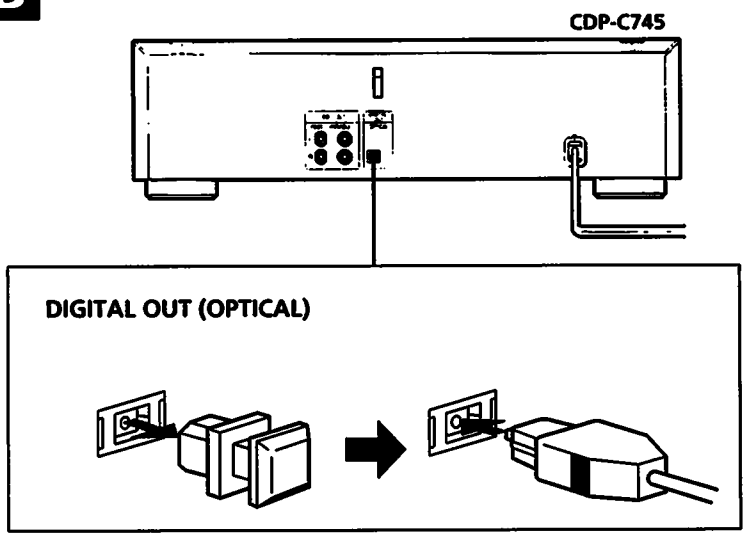
- **CDP-C745**
  There are two ways of connecting with LINE OUT as follows:
  FIXED: The output level is fixed.
  VARIABLE: The output level can be adjusted with the LINE OUT/PHONE LEVEL control (or with the LINE OUT LEVEL +/– buttons on the remote commander.)
- **CDP-C545**
  The CDP-C545 does not have VARIABLE LINE OUT. The output level is always fixed.

Notes on VARIABLE LINE OUT (CDP-C745 only)

- Connect your system to VARIABLE LINE OUT when using level files.
- If you adjust the LINE OUT/PHONE LEVEL control (or if you press the LINE OUT LEVEL +/– buttons on the remote commander RM-D745) while recording using VARIABLE LINE OUT, the recording level will change even when it is preset on the tape deck.

Hooking Up the System

B



When using DIGITAL OUT (OPTICAL) B

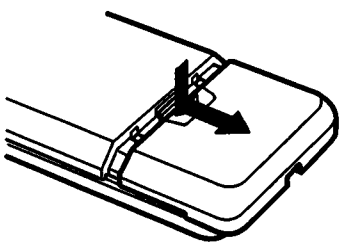
When connecting to an amplifier or D/A converter with OPTICAL IN, connect the OPTICAL IN and the DIGITAL OUT (OPTICAL) on the player with the POC-15 Audio Fiber Optical Cable (not supplied). See the illustrations on the left.

Take off the cap and plug in the connector firmly.

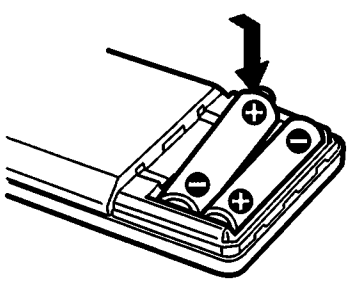
Notes on DIGITAL OUT (OPTICAL)

- When using DIGITAL OUT (OPTICAL), the fade out, fade in, time fade, level file, DSP and DSP file functions do not work.
- Noise may occur when playing non-music discs.

1



2



Inserting Batteries into the Remote Commander

1 Slide open the cover.

2 Insert two size AA (R6) batteries with correct polarity.

Battery life

- About half a year of normal operation can be expected when using the Sony batteries SUM-3(NS).
- When the batteries are weak, the remote commander will not operate the player. In this case, replace both batteries with new ones.

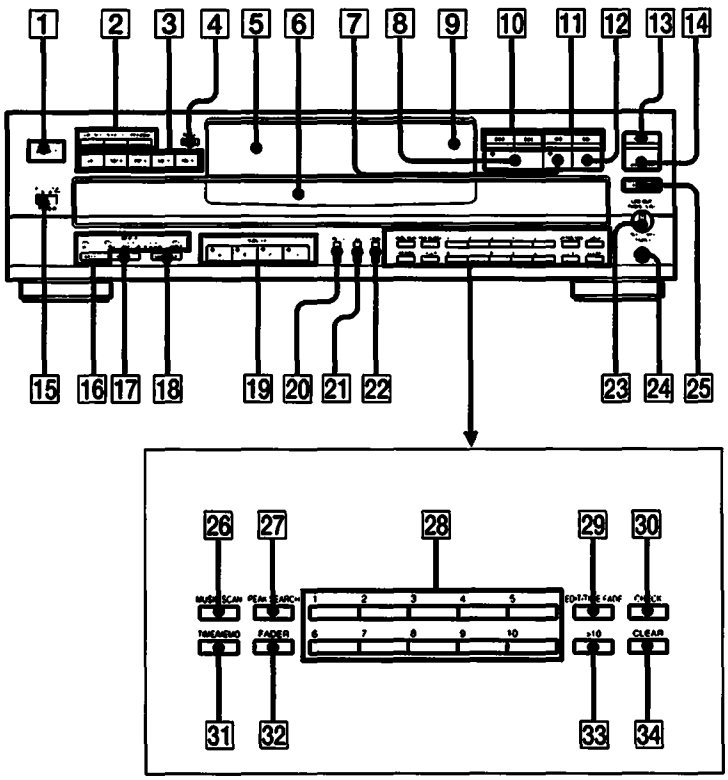
Notes on remote commander operation

- Avoid exposing the remote sensor to direct sunlight or a lighting apparatus. Such exposure may cause a malfunction.
- To avoid damage caused by battery leakage and corrosion, remove the batteries when the commander will not be used for a long time.

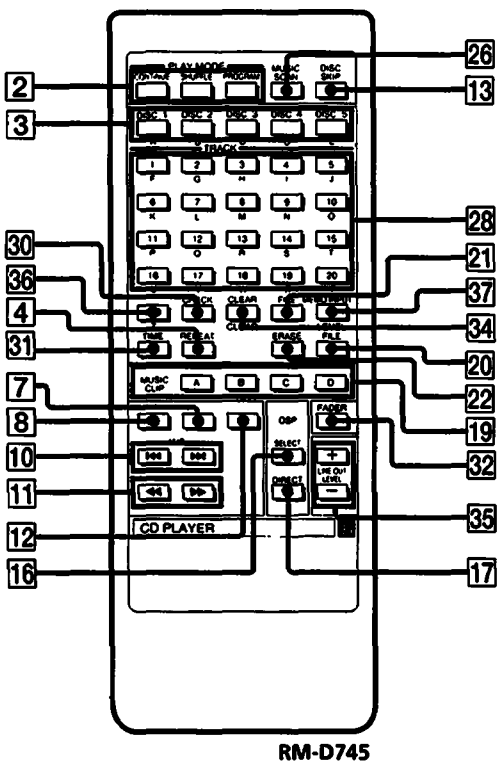
Identifying the Parts

A

CDP-C745



B



RM-D745

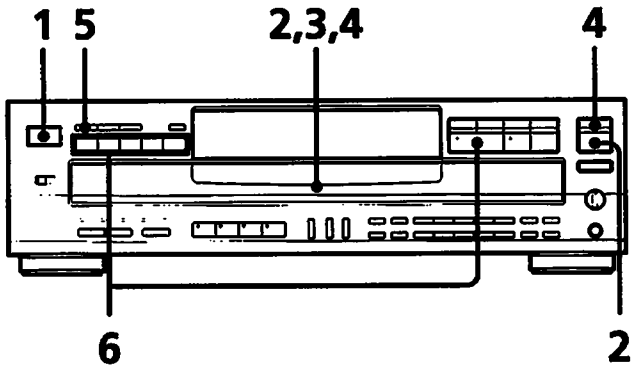
Front Panel A Remote Commander B

See the pages indicated in ( ) for details.

1 POWER switch (8)
2 PLAY MODE buttons
  CONTINUE button (8)
  SHUFFLE button (16)
  PROGRAM button (17)
3 DISC 1-5 buttons (8)
4 REPEAT button (22)
5 Display window (8)
6 Disc tray (8)
7 ⏸ (pause) button (and indicator) (9)
8 ▷ (play) button (and indicator) (8)
9 Remote sensor
10 ⏮/⏭ (AMS*) buttons (11)
11 ◀◀/▶▶ (manual search) buttons (11)
12 ■ (stop) button (9)
13 DISC SKIP button (8)
14 ⏏ OPEN/CLOSE button (8)
15 TIMER switch (38)
16 DSP SELECT button (and indicators) (CDP-C745 only)(15)
17 DIRECT button (CDP-C745 only)(15)
18 DSP FILE button (CDP-C745 only)(37)
19 MUSIC CLIP buttons (and indicators) (30)
20 LEVEL FILE button (CDP-C745 only) (36)
21 FILE button (33)
22 ERASE button (33)
23 LINE OUT/PHONE LEVEL control (CDP-C745)
  PHONE LEVEL control (CDP-C545) (5)
24 PHONES jack (9)
25 EX-CHANGE button (12)
26 MUSIC SCAN button (21)
27 PEAK SEARCH button (27)
28 Numeric (Numeric/letter**) buttons (11)
29 EDIT/TIME FADE button (23)
30 CHECK button (20)
31 TIME/MEMO (TIME) button (10)
32 FADER button (13)
33 >10 (over 10) button (11)
34 CLEAR button (17)
35 LINE OUT LEVEL +/– buttons (RM-D745 only) (5)
36 >20 (over 20) button (11)
37 MEMO INPUT button (32)

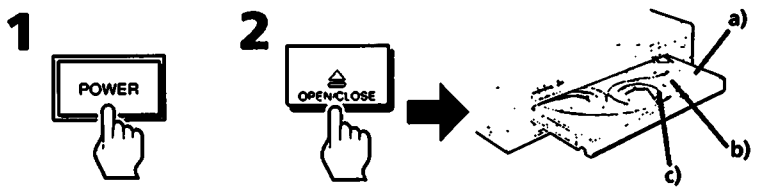
* AMS is the abbreviation for Automatic Music Sensor.
** Buttons with orange letters (A, B, ...) on the remote commander are for writing a disc memo (page 32).

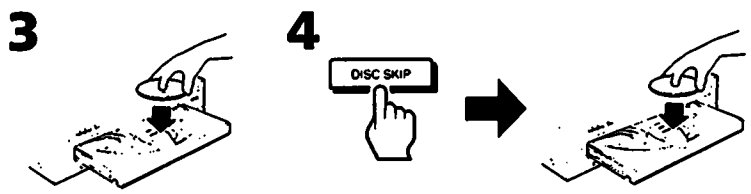
Playing Discs – Continuous Play

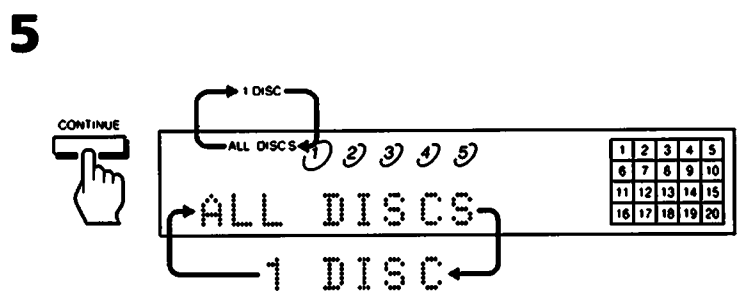


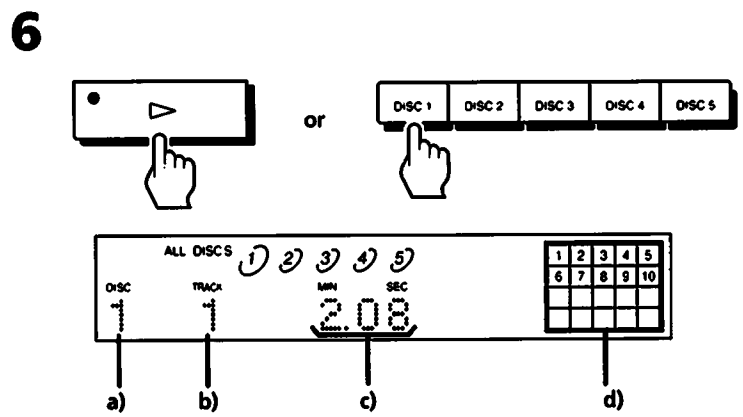
In continuous play mode, you can play up to five discs consecutively. Before playing discs, turn on the amplifier and set the input selector to the CD player position. While playing a disc, you can replace the other four discs in the player with new ones using the EX-CHANGE button.

Playing From the First Selection









1 Press POWER.
The display lights up.

2 Press ⏏.
The disc tray opens. The disc compartment and disc numbers (DISC 1, 2, etc.) appear.
a) Disc tray
b) Disc number
c) Disc compartment

3 Place a disc with the label side up into the disc compartment.
Place a disc in the empty disc compartment only when it is in the front loading position. Otherwise, the player may not find the disc.
- When you play only one disc, go to step 5.

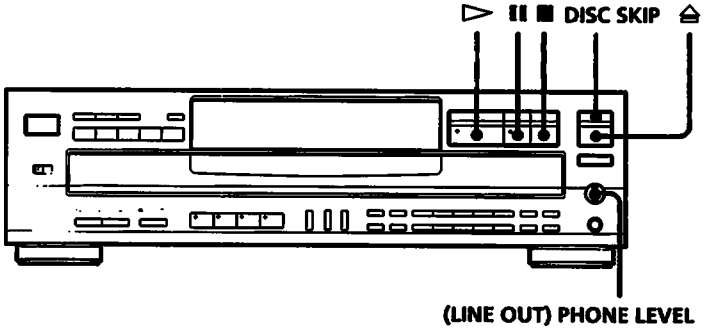
4 Press DISC SKIP to set the next empty disc compartment and place another disc into it.

5 Press CONTINUE to select ALL DISCS or 1 DISC.
Each time you press CONTINUE, the indication ALL DISCS and 1 DISC alternate in the display.
- To play all the discs in the player consecutively, choose ALL DISCS.
- To play only one disc, choose 1 DISC.

6 Press ▷ or DISC 1-5.
The disc tray closes to start playing the first selection.
- If you press ▷, the disc in the front loading position starts playing.
- If you press one of the DISC 1-5 buttons, the selected disc starts playing.

a) Disc number
b) Selection number
c) Elapsed playing time
d) Music calendar

When ALL DISCS is selected, all discs loaded in the player are played consecutively. If a disc compartment is empty, the compartment is skipped.



Playing Discs

To select the disc from which the playing starts

There are two ways.

- To scan discs, press or hold down DISC SKIP.
- To select a particular disc directly, press the corresponding DISC 1-5 button.

Notes on disc tray

- Place the disc properly in the disc compartment to prevent the disc from being damaged.
- Always close the disc tray when not using the player to prevent dust from entering the unit.

Notes on "① ②..." in the display

- The red circle around a disc number indicates the disc that is ready to be played.
  The red circle moves each time you press DISC SKIP.
- When all the selections on a disc have been played, the circle around the disc number disappears.
- When a compartment is recognized as empty, the circle and disc number disappear.

To stop play

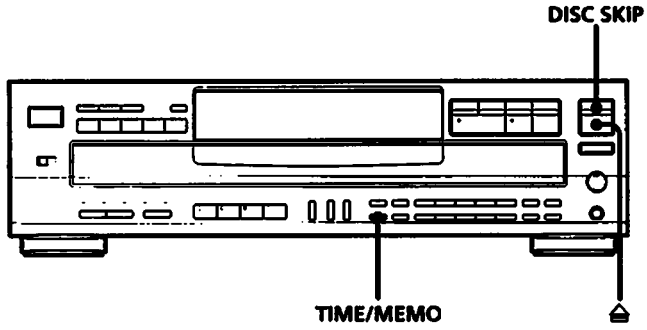
To pause playing, press II.
Press ▷ or II to resume playing.
To stop playing, press ■.
To stop playing and open the disc tray, press ⏏.

When listening with headphones

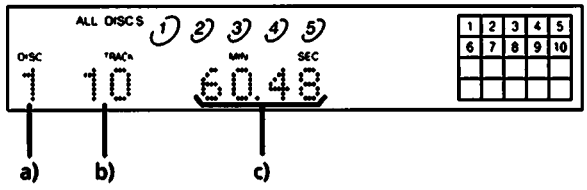
Connect headphones to the PHONES jack and adjust the volume with the (LINE OUT) PHONE LEVEL control on the player (or with the LINE OUT LEVEL +/– buttons on the remote commander RM-D745).

To play an 8 cm (3-inch) CD

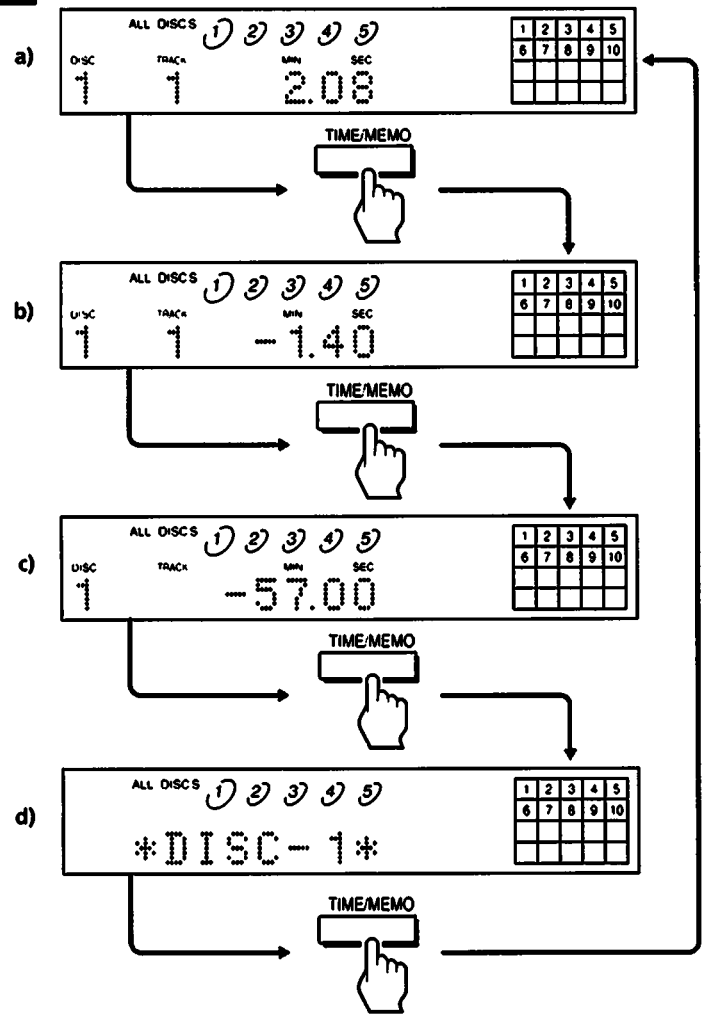
Place it in the inner circle in the disc compartment. If the disc is provided with an adaptor, first remove it. Do not put a normal CD (12cm/5-inch) on top of an 8 cm (3-inch) CD.



A



B



Information Display

Checking the total number of selections and total playing time of the disc to be played A

There are two ways to check.

- Place the disc in the disc compartment in the front loading position, then press ⏏ or the disc tray itself to close it.
- Press TIME/MEMO (or TIME on the remote commander) while the player is stopped. To check another disc, press DISC SKIP, then press TIME/MEMO (or TIME).

a) Disc number selected to be played (current disc)
b) Total number of selections on the current disc
c) Total playing time of the current disc

Changing the display B

Each time you press TIME/MEMO (or TIME) while playing a disc, the display changes to give you the following information:

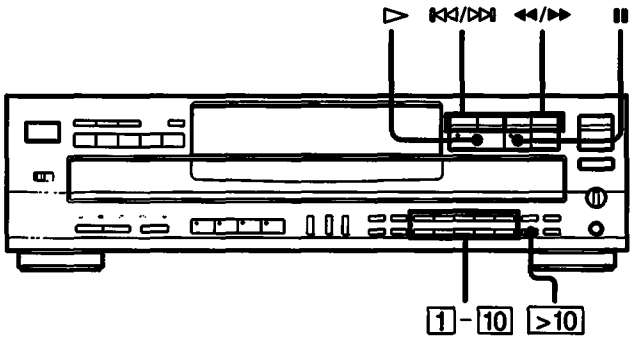
a) Elapsed time in the selection being played (current selection)
b) Remaining time in the current selection
If the current selection number is greater than 20, "- -.- -" appears.
c) Total remaining time on the current disc
Available only in continuous play mode. However, if the time fade function is set, the remaining time until fade-out will appear during program or shuffle play.
d) Disc number or disc memo
If you have stored a disc memo for the current disc (see page 32), the disc memo appears instead of the disc number such as "*DISC-1*".

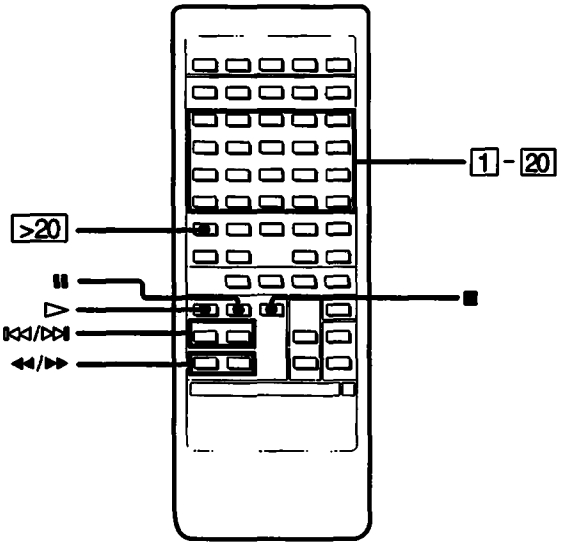
What is this indication?

-NO DISC-

This indication appears when all disc compartments are empty. You can change this indication by following steps 2 to 4 on pages 32 and 33 while the "- NO DISC -" is lit.

Playing Discs





Locating a Particular Selection

There are two ways to locate the beginning of a desired selection on the current disc.

A. To locate sequentially (Automatic Music Sensor)

- Press ⏮ once to locate the beginning of the current selection.
- Press ⏭ once to locate the beginning of the next selection.
- Hold down ⏮ or ⏭ to skip selections.

B. To locate a selection directly

Press one of the numeric buttons on the player or the numeric/letter buttons on the remote commander to enter the desired selection.
To enter a number greater than 10, use the >10 (>20) and 1 to 10 buttons.

Example:
To play from selection No.22
Press >10 2 2.
(or >20 2 2)
To play from selection No.30
Press >10 3 10.
(or >20 3 10)
10 functions as the number 0.

Locating a Particular Point in a Selection

There are two ways to locate a desired point on a disc.

A. To locate a point on the current disc while monitoring the sound

Hold down ◀◀ or ▶▶ while playing the disc.

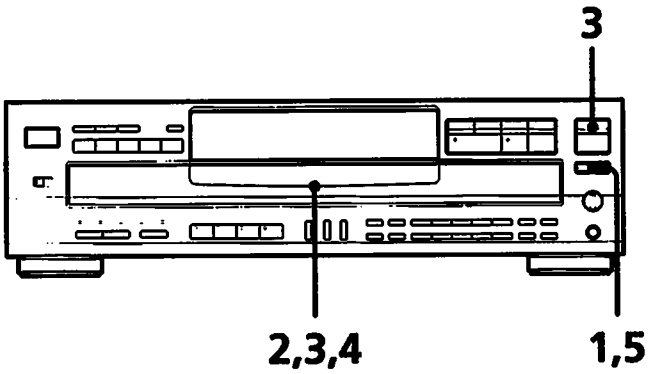
B. To locate a point on the current disc quickly by watching the elapsed time display

Press ⏸, then hold down ◀◀ or ▶▶ The search speed will increase, but there will be no sound. Find the desired point by watching the display.
Press ⏸ or ▷ again at the desired point to resume playing.

If "– OVER –" appears in the display

If you continuously hold down ▶▶ at the end of the disc, "– OVER –" appears in the display. Press ◀◀ or ⏮ to return to the normal display.

Playing Discs



To replace discs while playing a disc, use the EX-CHANGE button. You can open the disc tray and check what discs are to be played next, or replace discs without interrupting playback of the current disc.

Replacing Discs While Playing a Disc

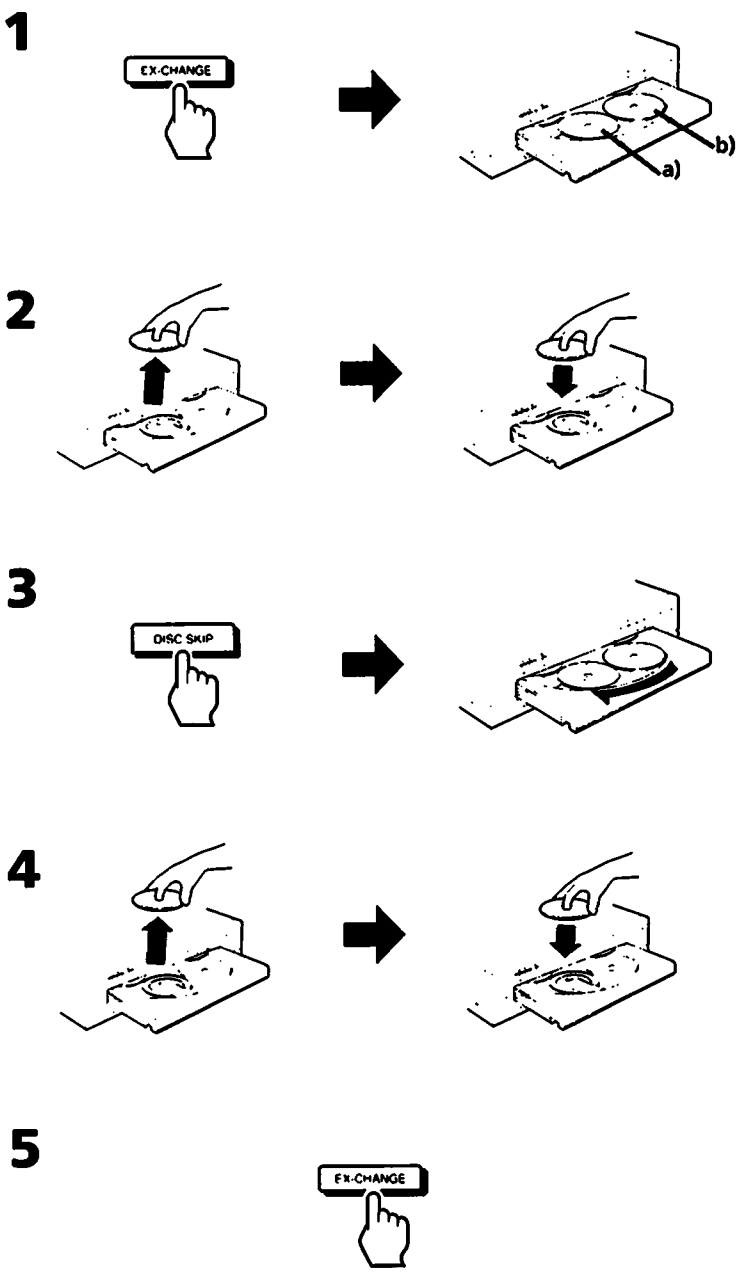
1 Press EX-CHANGE.
"EX-CHANGE" appears in the display. The disc tray opens and two disc compartments appear.
If you are playing a disc, it continues to play.
a) The disc to be played after the current disc.
b) The disc to be played after disc a).

2 Replace discs in the compartments with new ones.
You can replace up to two discs at a time.

3 Press DISC SKIP.
The disc tray turns and another two disc compartments appear.

4 Replace discs in the compartments with new ones.

5 Press EX-CHANGE.
The disc tray closes and playback continues.



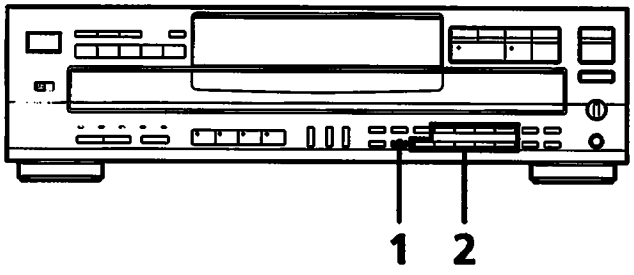
Notes on EX-CHANGE

- Each time you press DISC SKIP while the disc tray is open, the disc tray turns and two pairs of the disc compartments appear alternately, but the compartment for the disc currently played does not appear, so you cannot place two discs in one disc compartment.
- Do not turn the disc tray by hand.
- You can use almost all of the functions to play the current disc while the disc tray is open.
- If playback of the current disc ends while the disc tray is open, the player stops playing. In one disc repeat mode, the current disc starts playing again.
- In ALL DISCS shuffle mode, selections are reshuffled on the current disc while the disc tray is open.
- In program mode, only the selections on the current disc are played.

When you open the disc tray by pressing EX-CHANGE

Do not push the disc tray to close it as you may damage the player.

Fade-In/ Fade-Out



Fading in and out allows you to record selections on your tape so that play starts and stops gradually.
Fade-in/out does not function when you use the DIGITAL OUT (OPTICAL) connection.

Fading

To fade out

Press FADER while playing a disc at the point you want to start fading out. "[FADE]" flashes in the display, playback fades out and the player enters pause mode.

To fade in

Press FADER during pause.
"[FADE]" flashes in the display, and play fades in.

Changing the Fade Time

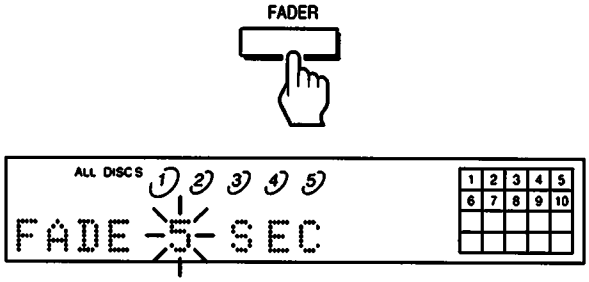
You can vary the fading time from 2 to 10 seconds while the player is stopped. When a time is not specified, play will fade in and fade out for 5 seconds.

1 **Press FADER while the player is stopped.**
"FADE 5 SEC" appears. The actual fade time "5" flashes.

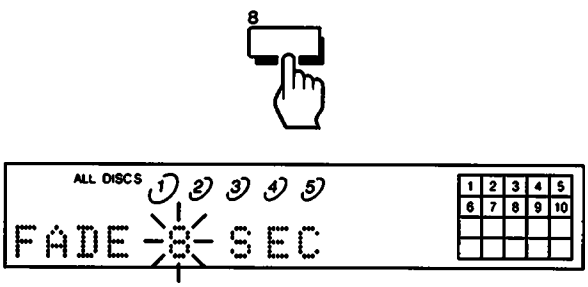
2 **Press [2] - [10] to select fade time.**

Example:
To set to 8 seconds, press [8].

1



2

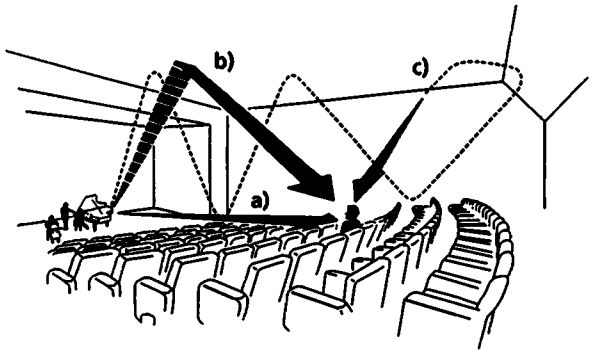


Playing With Sound Effect – Digital Signal Processing (CDP-C745 only)

You can listen to the selections with five acoustic atmospheres which are reproduced by the Digital Signal Processing (DSP) circuitry incorporated with the CDP-C745. These atmospheres are produced by a digital processing technique that involves simulating reflected and reverberated sound effects and digitally compensated frequency response.
The selected DSP mode can be stored in the memory of the player as a custom file (page 37).

You can choose the sound effect from the following DSP modes.

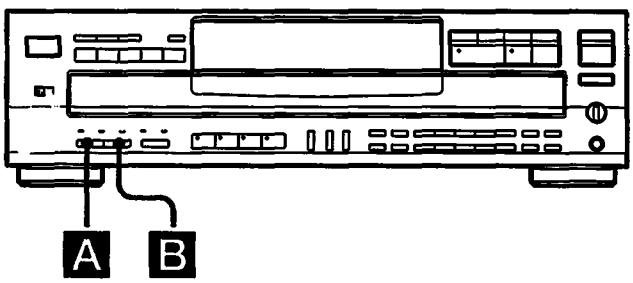
DSP mode	Characteristic
HALL	Reproduces the acoustics of a 2,000 seat capacity concert hall.
CHURCH	Reproduces the acoustics of a church with solid walls, stained glass windows, and a high roof.
JAZZ CLUB	Reproduces the acoustics of a modern jazz club.
STADIUM	Reproduces the acoustics of a 30,000 seat capacity outdoor stadium.
DANCE	Reproduces the acoustics of a discotheque and features strong reverberation with a dynamic bass.



About the Sound Effect

The sound in a place such as a concert hall or a movie theater consists of direct sound, early reflecting, and reverberation. The acoustic quality of a room depends on how these three sounds are reproduced in the room. You can estimate the size and the type of a room by listening to the difference in these three sounds.
The figure at the left shows:
a) Direct sound
b) Early reflection
c) Reverberation

Playing With Sound Effect



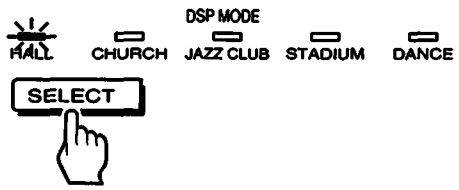
Choosing the Desired DSP Mode A

Press SELECT repeatedly until the desired DSP mode is selected.
The display changes as follows to show the selected DSP mode:

HALL → CHURCH → JAZZ CLUB → DANCE → STADIUM →

The selected DSP mode indicator lights up.

A



Clearing the DSP Effect B

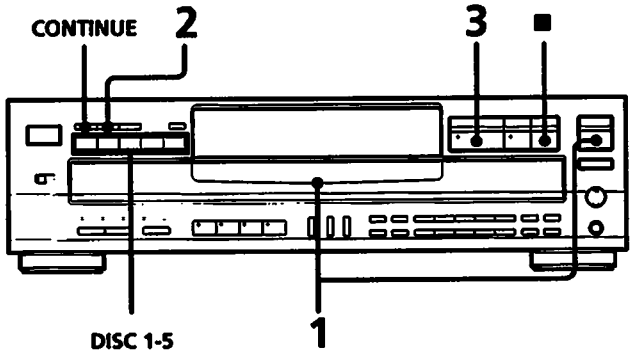
Press DIRECT.
The DSP mode indicator goes off and the DSP effect is canceled. If you press SELECT, the last set DSP mode is recalled.

B

Notes

- The selected DSP mode remains memorized after the power is turned off.
- You may hear noise when switching the DSP modes.
- When using the DSP effect, large outputs from this unit may cause distortion to the sound from the amplifier. In this case, connect the amplifier to VARIABLE LINE OUT so that you can adjust the output level with the LINE OUT/PHONE LEVEL control (or with the LINE OUT LEVEL +/– buttons on the remote commander RM-D745).
- When connecting with DIGITAL OUT (OPTICAL), you cannot use the DSP effects.

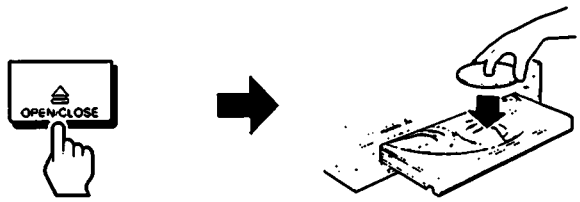
Playing in a Random Order – Shuffle Play



Shuffle play allows you to play up to 99 selections in a random order. You can play selections from all discs or only specified disc(s).

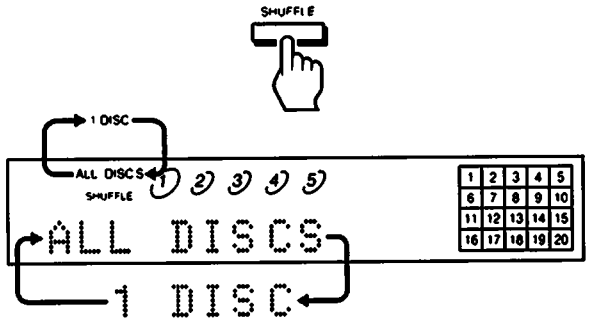
Shuffle Play on All or One Disc

1 Place the discs into the disc compartments.



2 Press SHUFFLE to choose ALL DISCS or 1 DISC.

- ALL DISCS: The selections from all discs are played in a random order.
- 1 DISC: The selections from the current disc are played in a random order.



3 Press ▷.

Shuffle play starts.
In 1 DISC mode, you can also use DISC 1-5.

To stop playing

Press ■.

To cancel shuffle play

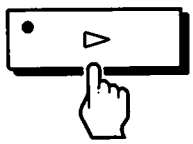
Press CONTINUE to return to continuous play mode.

If you press SHUFFLE while playing in continuous or program mode

Shuffle play starts from the current selection.

What is this indication?

This indication appears while the player is "shuffling" the selections.



Shuffle Play on Specified Discs – Select Shuffle Play

If you specify discs before or while playing in ALL DISCS shuffle mode, the selections on the specified discs only are played in a random order.

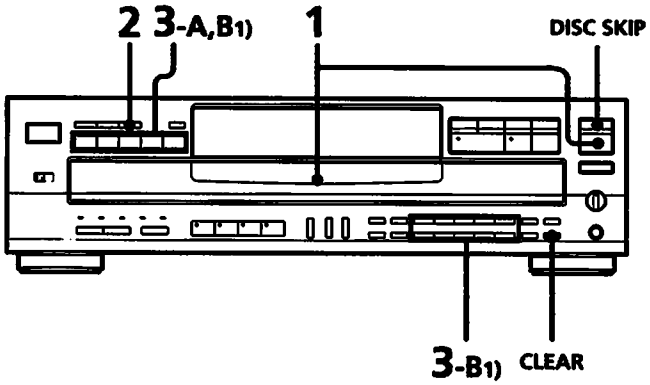
To specify the discs

1) Press DISC 1-5 to specify the discs after choosing ALL DISCS mode.
Circles appear around the selected disc numbers to be played. To cancel the selected discs, press DISC 1-5 again. The circles disappear.
2) Press ▷ to start select shuffle play.
The selections on the specified discs are played in a random order.

To return to all shuffle play

Press SHUFFLE twice.

Playing in a Specified Order – Program Play



Program play allows you to specify the order of discs or selections to be played. You can program up to 32 "steps" in the order you specify. One "step" may contain one selection or a whole disc. You can check the total playing time while programming the selections.

Program Play

1 Place the discs into the disc compartments, then press ⏏ (or select the disc using DISC SKIP).

2 Press PROGRAM.

"PROGRAM" appears in the display.

- If a program has been previously stored, it is recalled. If you do not need the program, hold down CLEAR to erase it (page 18 A).

3-A To program entire discs in the order you want them to play

Press DISC 1-5 in the order you want to program.

"AL" appears in the display.

- If you use DISC SKIP instead of DISC 1-5 to select the discs, press PROGRAM after selecting the disc.

3-B To program selections on one disc in the order you want them to play

Before you program selections, specify the disc by pressing DISC 1-5. There are two ways to program selections:

1) Use the numeric (numeric/letter) buttons to choose selections in the order you want.

"AL" in the display disappears, then the selections you choose will be programmed.

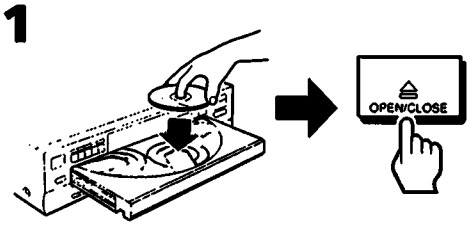
The display shows:

a) Current disc
b) Chosen selection
c) Total playing time
Each time you choose a disc or a selection, the playing time is added to the total playing time. You can check the total playing time while programming.
d) Chosen selections

- To enter a selection number greater than 10, see page 11.
- If you enter the wrong numbers: Each time you press CLEAR, the last entered number is deleted.
- To program the selections on another disc, press DISC 1-5 to change the *disc, then program selections.*

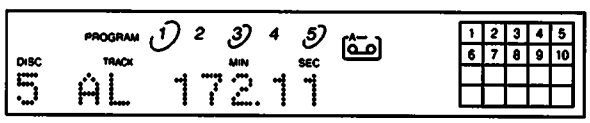
(Continued)

1



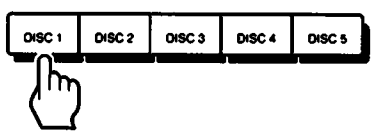
2

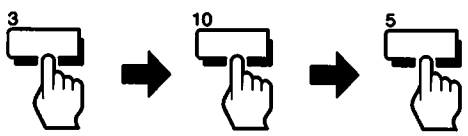
3-A

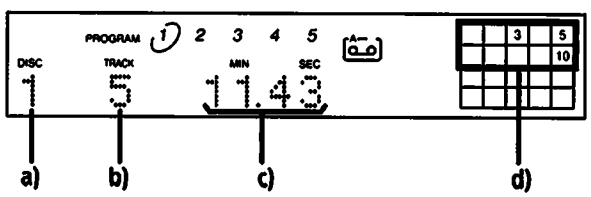


3-B

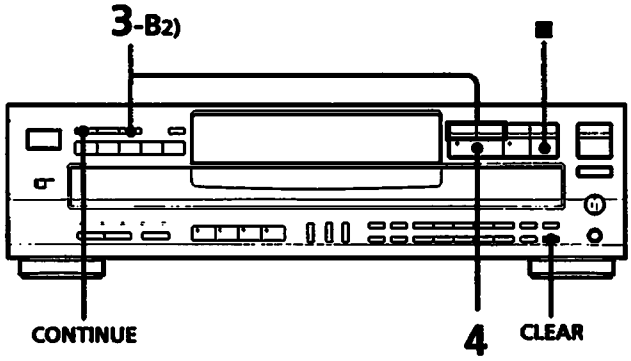
1)





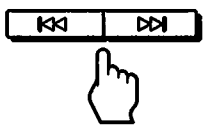


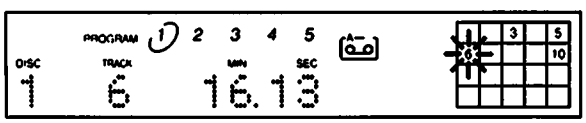
Playing in a Specified Order



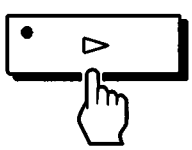
3-B

2)





4



A

3-B

2) Press ⏮ or ⏭ to choose a selection to be programmed, then press PROGRAM.

Repeat this to choose another selection.

- Before you press PROGRAM, you can check the total playing time and change the selection to be programmed. (Program Edit)

4 Press ▷.

Program play starts.

To stop playing

Press ■.

You can play the same program repeatedly until you erase the program.

To erase the program A

Hold down CLEAR until "ALL CLEAR" appears in the display.

To cancel program play

Press CONTINUE to return to continuous play mode.

To recall the program you have made, press PROGRAM again.

To make a program while playing a disc

Press PROGRAM, then follow step 3-A or 3-B. The program will be played after the current selection.

If the total playing time does not appear (only "STEP" appears)

You have programmed a selection number greater than 20 or the total playing time exceeds 199 minutes and 59 seconds.

If you press PROGRAM while playing in continuous or shuffle mode

If a program has been stored, it will be played after the current selection.

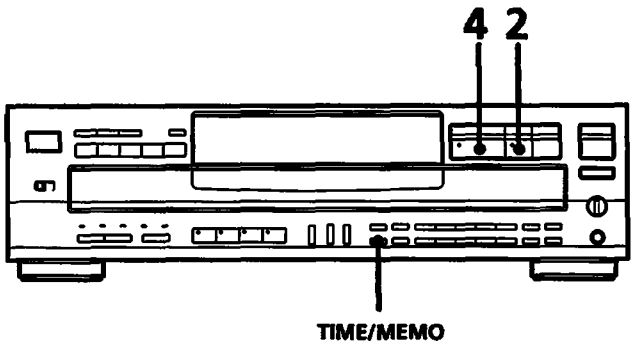
If you replace discs

The program is stored until you erase it. If you replace discs, the program operates on the new discs. Any selection numbers not existing on new discs are deleted from the program and the rest are played in the programmed order.

If you turn off the player

The program is not erased. It is stored until you erase it.

Playing in a Specified Order

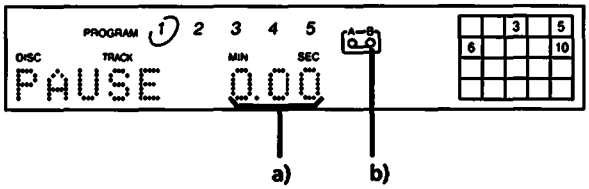


You can make a program to be recorded fit to your tape length. By entering **II**, you can divide a program into side A and B. At the end of a program for side A, the player automatically pauses before side A ends so that a selection is not cut off.

Recording Programmed Selections

1 Program the selections to be recorded on side A of your tape by repeating steps 1 to 3 on pages 17 and 18.

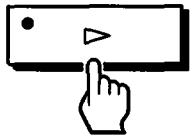
2



2 Press II to program selections for side B.
The selections to be recorded on side A will be programmed.
The display shows:
a) Total playing time will return to "0.00".
b) "B" lights up.
By pressing **II**, a pause is programmed as a selection. The player counts pauses as selections to be programmed.

3 Program the selections for side B.
Repeat steps 1 to 3 on pages 17 and 18.

4



4 Start recording on the cassette deck, then press ▷.
Program play starts.

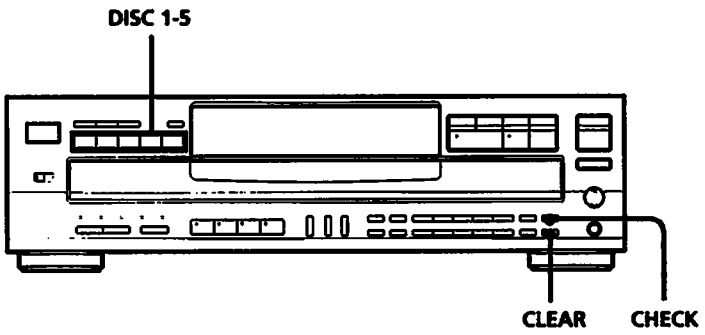
To play the selections for side B

The player automatically pauses at the point a pause is programmed. Set the tape to the beginning of side B, then press ▷ or **II**. The selections for side B will start playing.

To check the remaining time

Press TIME/MEMO (or TIME on the remote commander) once to see the remaining time on the current selection; twice to see the disc memo or disc number; once more to return to the initial display. The total remaining time does not appear during program play.

Playing in a Specified Order



Checking Your Program

Press CHECK.
The first selection or disc in the program appears. Each time you press CHECK, the next selection or disc in the program appears. One of the tape indicators "(A)" or "(B)" appears when the program for side A or B is being checked. At the end, "– END –" appears briefly, then the first display returns.

Changing Your Program

To delete the last selection

Press CLEAR while the player is stopped. Each time you press CLEAR, the last selection in the program is deleted.

To delete a selection from the middle of a program

Press CHECK repeatedly until the selection you want to delete is displayed. Then press CLEAR.

To add selections to the end of the program

Press DISC 1-5 to select the disc and press the numeric (numeric/letter) buttons for those selections. You can do this while playing, stopped or paused

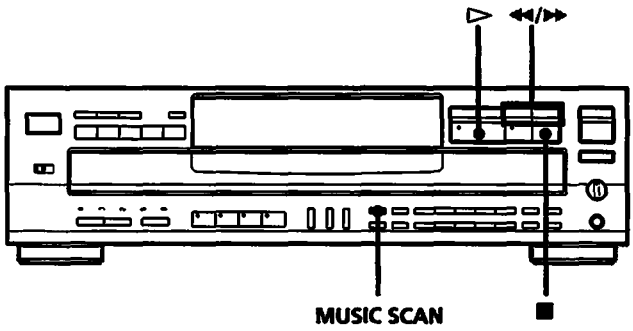
To change the order

Hold down CLEAR to erase the program, then make a new program.

To make a program by referring to disc labels

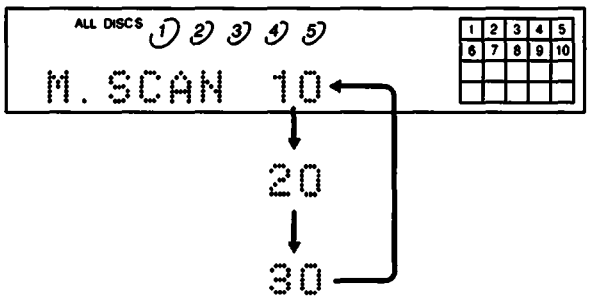
You can make a program while the disc tray is open. Follow steps 2 to 3-B (1) on page 17, then 4 on page 18. Program Edit (step 3-B (2)) is not available.

Playing the Beginning of Each Selection – Music Scan Play



You can sample the beginning of each selection on a disc. You can also check the beginning of the first selection on each disc in the player. This is useful to check what selections are contained in a disc or what discs are loaded in the player.

Music Scan Play



Press MUSIC SCAN.
Each time you press MUSIC SCAN, the playing time of each selection changes cyclically from 10 to 30 seconds.
The ▷ button indicator on the player flashes and the beginning of each selection is played for the designated period.

To check the selections on the current disc
Press MUSIC SCAN in 1 DISC continuous play mode.

To check the first selection on each disc
Press MUSIC SCAN in ALL DISCS continuous play mode.

If you press MUSIC SCAN in program play mode
The beginning of each selection is played in the programmed order. Any programmed pauses are ignored.

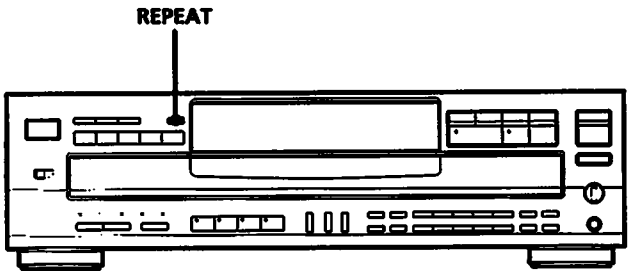
To stop music scan play
Press ■.

To resume normal playback during music scan play
Press ▷.
The ▷ button indicator lights up and normal playback starts.

If you press MUSIC SCAN during music scan play
The playing time of the selection is extended by 10, 20 or 30 seconds.

If you press ◀◀ or ▶▶ during music scan
Music scan is canceled and normal playback starts.

Playing Repeatedly – Repeat Play



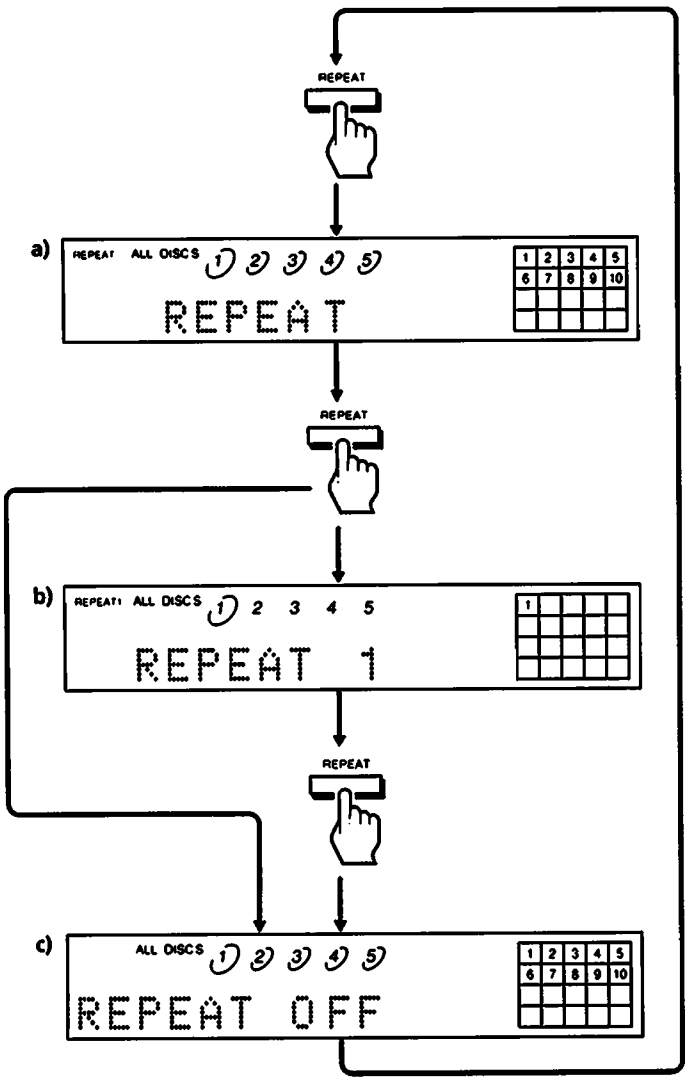
Repeat play allows you to repeat selections in any play mode. You can repeat all discs, only specified discs, one selection, or programmed or reshuffled selections.

Repeat Play

a) To repeat all selections

Press REPEAT once. "REPEAT" appears in the display. The player will repeat selections in the current playing mode.

Playing mode	Selections to be repeated
Continuous play (ALL DISCS)	All selections on all discs
Continuous play (1 DISC)	All selections on the current disc
Shuffle play (ALL DISCS)	Selections on all discs (or selected discs) that the player reshuffles
Shuffle play (1 DISC)	Selections on the current disc that the player reshuffles
Program play	All the selections in the programmed order



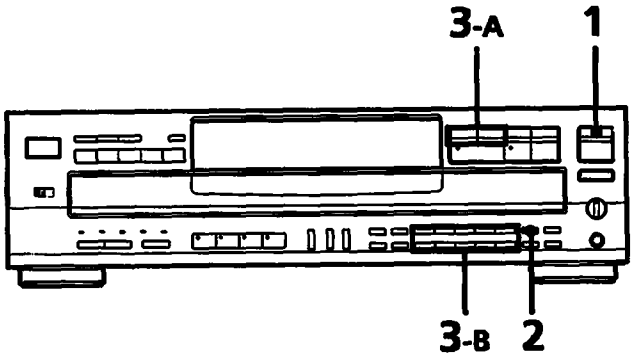
b) To repeat the current selection (only in continuous play mode)

Press REPEAT repeatedly until "REPEAT 1" appears in the display (not operable in shuffle or program play mode).

c) To cancel repeat play

Press REPEAT repeatedly until "REPEAT OFF" appears.

Specifying the Total Playing Time – Time Edit



If you specify the total length of your tape, the player will accordingly program selections to be recorded on sides A and B of your tape. This function edits selections on your tape without changing their original order on your disc, choosing the last selection(s) that fit the remaining length of your tape.

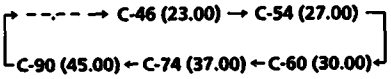
Programming and Playing

If you want to edit particular selections on your tape in preference to the others, program those selections beforehand (page 17).

1 Press DISC SKIP to select the disc to be played.

2 Press EDIT/TIME FADE.
"EDIT" appears and "A" flashes in the display.

3-A Specify a commercially available tape length.
Each time you press ▷▷I, the display changes to give you the following duration:



By pressing I◁◁, you can reverse the above cycle.

3-B Specify any tape length for one side of your tape.
Use the numeric buttons [1] - [10]. Press [10] for "0". You need not press keys for seconds, unless required.

Example:
To set to 23 minutes 15 seconds, press [2], [3], [1] and [5].

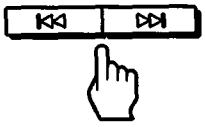
Note
The duration can be set up to 99 minutes 59 seconds.

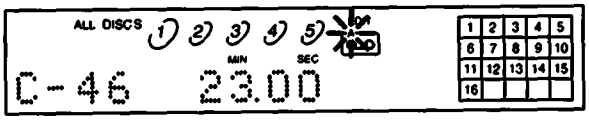
(Continued)

1

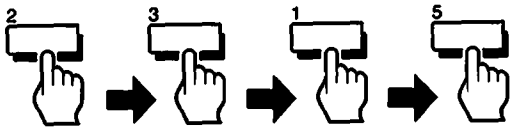
2

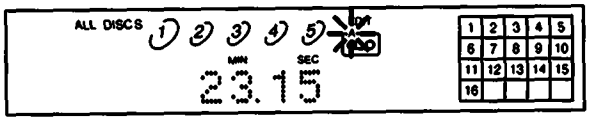
3-A



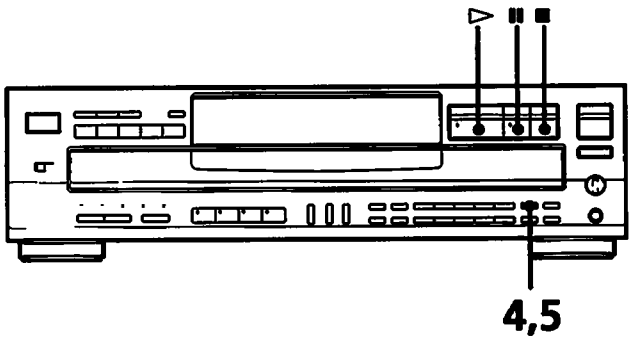


3-B





Specifying the Total Playing Time

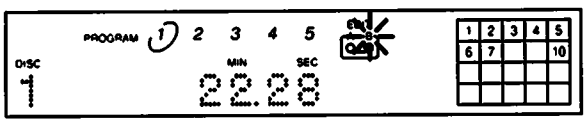


4 **Press EDIT/TIME FADE once after specifying the recording time.**
The selections for side A are determined automatically. "EDIT" and "A" light up. "B" flashes.

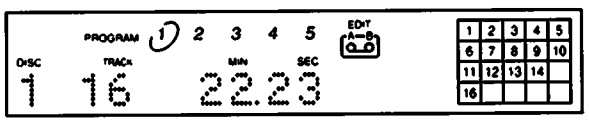
5 **Press EDIT/TIME FADE once more, to make a program for the other side of your tape.**
If "LINK" flashes, see "Adding Selections – LINK Edit".

6 **Start recording on the cassette deck, then press ▷.**
The selections for side A will be played and then the player will pause. "B" lights up in the tape side indicator. Set the tape to the beginning of side B, then press ▷ or ❚❚.

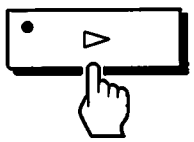
4



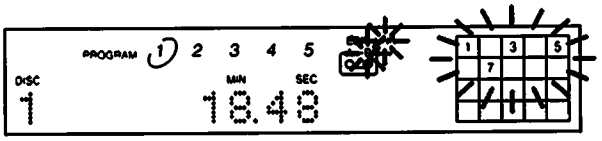
5



6



A

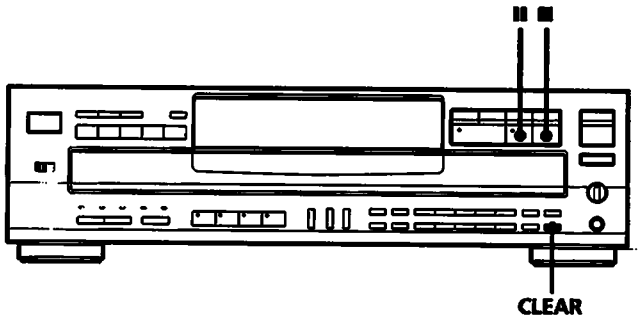


Adding Selections – LINK Edit

After all selections on the disc have been programmed, if there is selections shorter than the remaining time, "LINK" and the selection numbers will flash (Fig. A). To add a selection, press the numeric (numeric/letter) button for the selection number or press EDIT/TIME FADE again When pressing EDIT/TIME FADE, a program will be made automatically to fit the playing time as close as possible to the remaining time. If enough time remains to fit more selections, "LINK" and the selection numbers keep flashing. When "LINK" flashes, if you select another disc using DISC SKIP, the new selection numbers on the new disc that fit in the remaining time will flash. "EDIT" disappears when the rest of the playing time is less than 1 minute. Whether "LINK" is flashing or not, you can use DISC SKIP to change the disc and choose selections to fit the remaining time. If you do not add any selections, press ■. "EDIT" disappears.

Note
Playback also can be performed when "EDIT" appears.

Specifying the Total Playing Time



To stop playing
Press ■.
You can play the same program repeatedly as long as you do not erase the program.

To cancel time edit
Press CLEAR.
"EDIT" disappears.

To erase the program
Hold down CLEAR until "ALL CLEAR" appears in the display.

To check your program
See page 20.

If your disc has more than 20 selections
Selections over number 20 cannot be programmed with the time edit function.

You cannot edit selections in the following cases:
- If you have programmed up to 32 steps (i.e. selections plus pauses).
- If you have programmed selections whose playing time exceeds 100 minutes.
- If you have programmed a selection number greater than 20.

To specify a different time for each side
Follow steps 1 to 4 on pages 23 and 24, and press ❚❚. Then repeat steps 2 to 4. Skip step 5, then press ▷.

A

1) PRESS [AMS] OR [1-10]

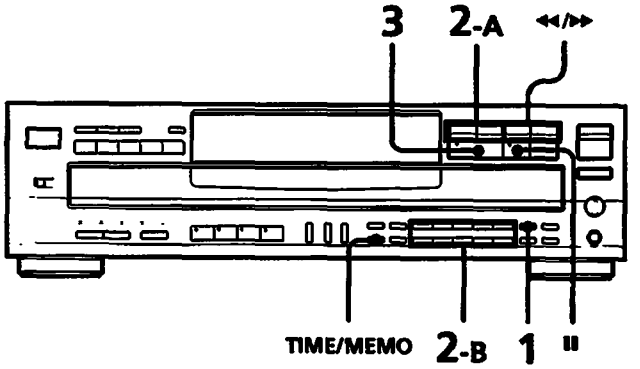
2) PRESS [EDIT] FOR SIDE-A

3) ADD TRACK BY [1-20] OR [DISC SKIP]

4) SPACE LEFT 1.22 PRESS [EDIT] TO FINISH

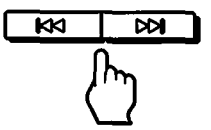
5) -FINISH-

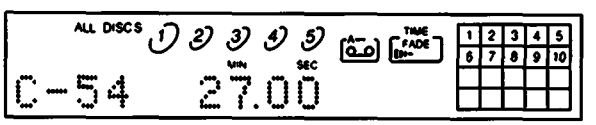
Edit Navigation Display A
1) Press ⏮/⏭ or the numeric buttons (1-10) to set the recording time.
2) Press EDIT/TIME FADE to edit side A or B.
3) Either add selections by using the numeric (numeric/letter) buttons (1-20) or change the disc by pressing DISC SKIP. This message means that all the selections on the disc are programmed and more selections can be programmed (Link Edit).
4) 1'22" remains but no selection from the disc can be accomodated. Press EDIT/TIME FADE to end. This message means you can assign the selection from another disc for more than 1 minute, after the selections for side B are programmed. Place another disc in the tray. The player searches for selections short enough to fit. If there are any, their numbers appear on the display with the Link Edit function.
5) You are finished.



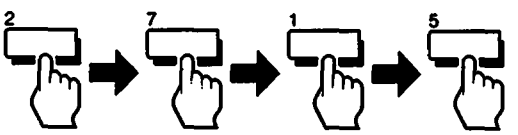
1

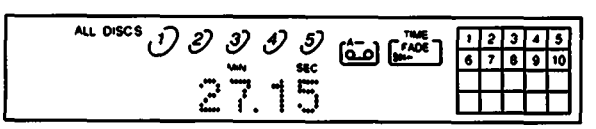
2-A



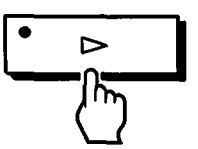


2-B





3



Fading Out at the Desired Time – Time Fade

You can have play fade out at the end by specifying the play duration. Once the time fade is set, it functions twice for editing both sides of a tape. You can change discs without cancelling this function. The fade time is preset to 5 seconds, but you can change it to from 2 to 10 seconds (page 13). *Time fade does not function when you use the DIGITAL OUT (OPTICAL) connection*

Setting Time Fade and Playing

1 Press EDIT/TIME FADE twice while the player is stopped (or once during pause).
"[TIME]" and "[FADE]" appear in the display.

2-A Specify a commercially available tape length.
Each time you press ▷▷|, the display changes to give you the following duration:

--:-- → C-46 (23.00) → C-54 (27.00) →
C-90 (45.00) ← C-74 (37.00) ← C-60 (30.00) ←

By pressing |◁◁, you can reverse the above cycle.

2-B Specify any tape length for one side of your tape.
Set the desired play duration using the numeric buttons.
You need not press buttons for seconds, unless required.

Note
The duration of one side can be set up to 99 minutes 59 seconds.

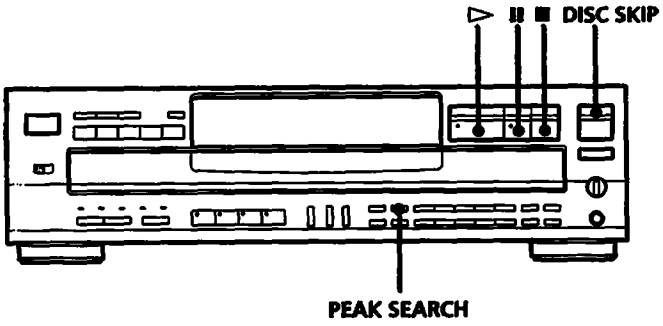
3 Press ▷.
Playback starts.
After the specified time, playback fades out and pauses. Tape side "B" lights up. Press ▷ or II to resume playing for the other side of the tape. If you press FADER, playback starts with a fade in. When playback fades out for the second time, the player pauses and the time fade function is canceled.

To cancel time fade
Press EDIT/TIME FADE once again, or press ◀◀ or ▶▶ while playing.

When a disc ends before the specified time
The time fade function remains effective. You can change discs and continue playing until the specified time is up.

To display the time remaining until the time set
Press TIME/MEMO (or TIME on the remote commander) while playing until the total remaining time appears (see page 10).

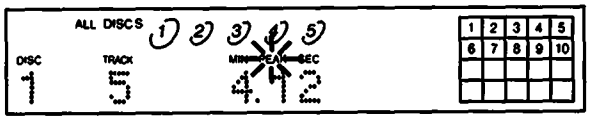
Locating the Loudest Portion of the Disc – Peak Search



You can locate the portion with the highest input level of the disc to adjust the recording level.

Continuous or shuffle play mode
- Searches all selections on the disc which is ready to be played in ALL DISCS or in 1 DISC mode.

Program play mode
- Searches all programmed selections.



Seaching for the Loudest Portion

Press PEAK SEARCH while the player is stopped. "PEAK" flashes in the display. All the selections in the current disc or program are searched automatically. "– PEAK –" appears briefly and the loudest portion will be played repeatedly for 4 seconds. Adjust the recording level on your tape deck according to the peak level.

To stop peak search

Press ■.
Press ▷ to start play from the beginning of the disc.
Press II to pause at the first selection.
"PEAK" disappears from the display.

To go to another disc

Press ■ to stop peak search, then press DISC SKIP.

Notes on Peak Search
- The player scans input levels of the whole disc and determines the peak (maximum input level) among them. The peak determined with this function is sometimes slightly different from the real one. In addition, portions determined as a peak vary each time this function is carried out on the same disc. However, the difference between the determined and the real peak is negligible and will not prevent you from adjusting the recording level.
- Peak search is not operable while you open the disc tray by pressing EX-CHANGE.

Custom Files

You can store 5 types of memory called "Custom Files" for each disc using the memory function of this unit. You can store custom files for up to 172 discs.

Music Clip
You can classify the selections on each disc into up to four groups and store them.

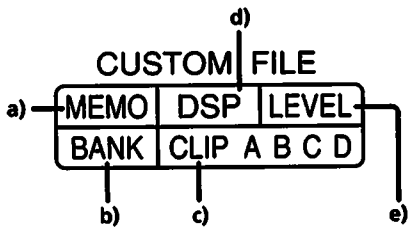
Disc Memo
You can assign a name to each disc so that you can select the disc by watching for the name of discs in the display.

Delete Bank
You can delete the selections which you do not want to play and store the rest of the selections on each disc.

Level File (CDP-C745 only)
You can adjust an output level for each disc and store it.

DSP File (CDP-C745 only)
You can store one of the DSP modes (HALL, CHURCH, JAZZ CLUB, STADIUM or DANCE) or DIRECT for each disc.

A

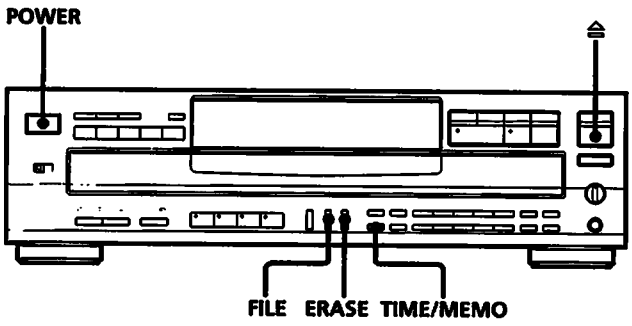


A Lights up when:
a) A Disc Memo is stored.
b) A Delete Bank is stored.
c) A Music Clip is stored.
d) A DSP File is stored.
e) A Level File is stored.

Where are custom files stored?
Custom files are stored in the player's memory, not in the disc. So you cannot enjoy custom files with other players. The custom files for each disc are recalled when the disc is selected and is ready to be played. Custom files are retained for approximately 1 month without AC power.

When the memory for custom files is full
"FILE FULL" appears when FILE is pressed and no custom file can be stored for the new disc in the player. To make a custom file for the disc, clear a set of the custom files (Music Clip, Disc Memo, Delete Bank, Level File, and DSP File) of another disc you do not need.

Custom Files



To check how many discs you can store custom files for

Remove all the discs in the player, then press ⏏. Wait for "– NO DISC –" to appear in the display, then press TIME/MEMO (or TIME on the remote commander). "REMAIN: XXX" shows you how many discs you can store custom files for. Each time you press TIME/MEMO (or TIME), sets of custom files which are stored for each disc appear in order. At the end, "– END –" appears briefly, then the display returns to "– NO DISC –".

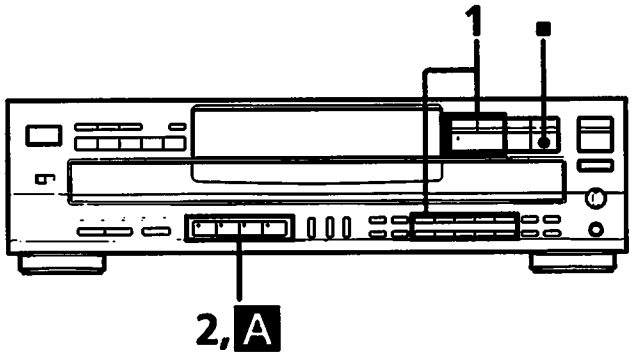
To clear a set of custom files for a disc

Remove all the discs in the player, then press ⏏ and wait for "– NO DISC –" to appear in the display. Press TIME/MEMO (or TIME) repeatedly until the set of custom files stored for the disc which you want to clear appears, then press ERASE. "FILE ERASE" appears and "▭▭" disappears. All custom files for the disc are cleared.

To clear all custom files of all discs

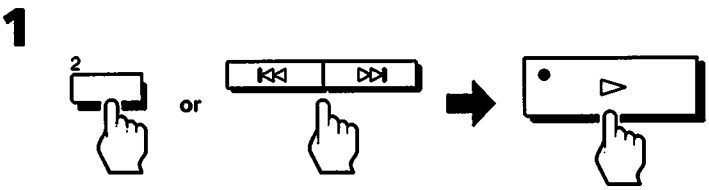
While holding down ERASE and FILE, press POWER to turn on the player. "ALL ERASE" appears in the display.

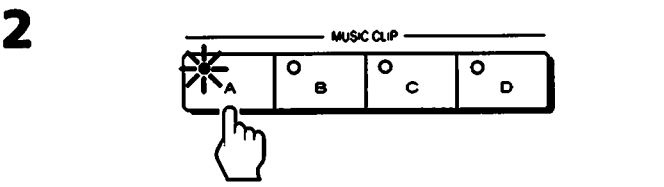
Classifying the Selections on a Disc – Music Clip



You can classify the selections on each disc into up to four groups called "clips" (A, B, C or D). You can easily store a selection into a clip by just pressing one of the MUSIC CLIP buttons while playing the selection. Once you have stored the selections into clips, the clips (classification of selections) are stored and you can use them every time you play the disc. By simply pressing one of the MUSIC CLIP buttons, you can enjoy the selections stored in the selected clip.

Storing Selections Into Clips





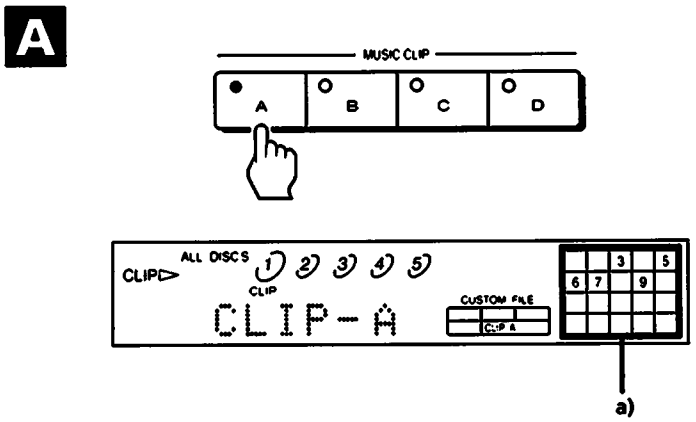
1 Play the selection you want to store into a clip.

2 Press one of the MUSIC CLIP buttons.
"CLIP FILE" appears briefly.
The MUSIC CLIP button indicator flashes to show that the current selection is stored into the clip (A, B, C or D).

3 Repeat steps 1 to 2 to store other selections.

Note
You can store one selection into four clips, or everything on a disc into one clip.

Playing the Selections in a Clip – Clip Play A

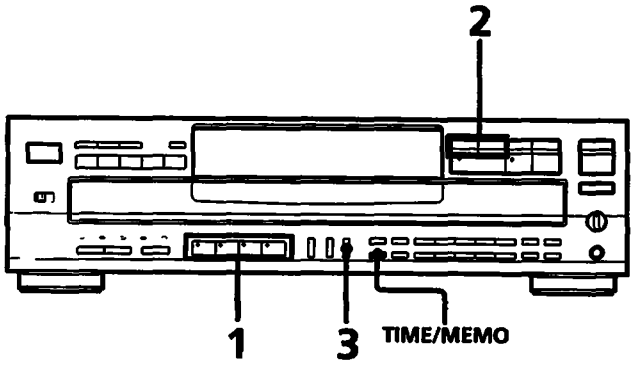


Press one of the MUSIC CLIP buttons while the player is stopped.
"CLIP ▷" appears and the selections in the clip start playing. The MUSIC CLIP button indicator lights up to show which clip is currently played. The selections stored in the clip appear in the music calendar.
a) Stored selections

To play selections in another clip, press ■ to stop playing, then press MUSIC CLIP.

Notes
- If you press MUSIC CLIP during clip play, the button does not operate.
- You can do clip play in continuous or shuffle mode. If you press MUSIC CLIP in program mode, the player is set to continuous mode and starts clip play.
- When you do clip play in all discs mode, the same clip (A, B, C or D) on all discs is played consecutively.
- Clip file is not available for selections numbered 33 or greater.

Classifying the Selections on a Disc



To assign a name to a clip (Clip Memo)

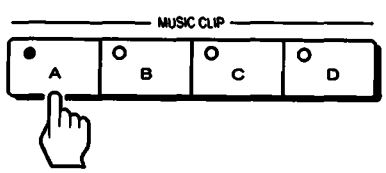
You can assign an original name to each clip.

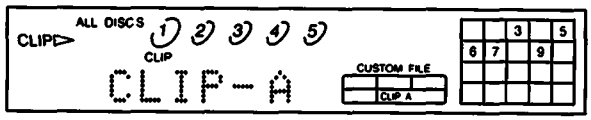
1) Press TIME/MEMO (or TIME on the remote commander) repeatedly during clip play until the clip name such as "CLIP-A" appears.
2) Follow steps 2 to 4 on pages 32 and 33 to enter an original name.

To view the clip memo, press TIME/MEMO (or TIME) repeatedly during clip play until it appears.

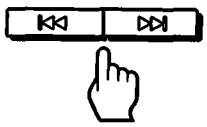
Removing Selections From a Clip

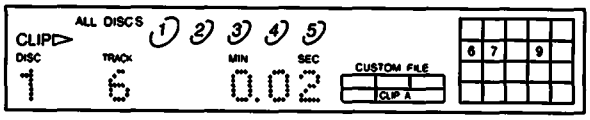
1 Press MUSIC CLIP while the player is stopped to start clip play.





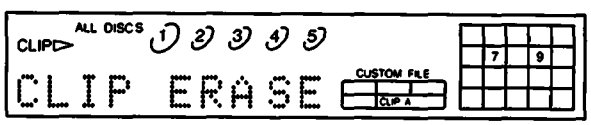
2 Press ⏮ or ⏭ to choose the selection you want to remove from the clip.





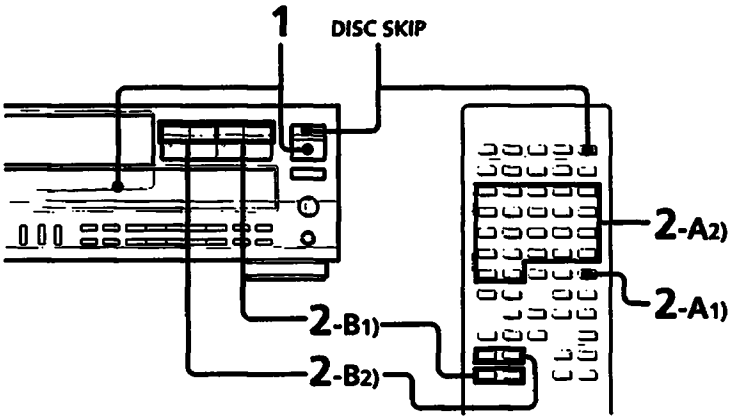
3 Press ERASE.

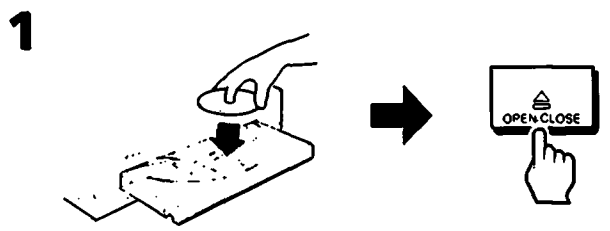
"CLIP ERASE" appears and the current selection is removed from the clip. The next selection in the clip starts playing.

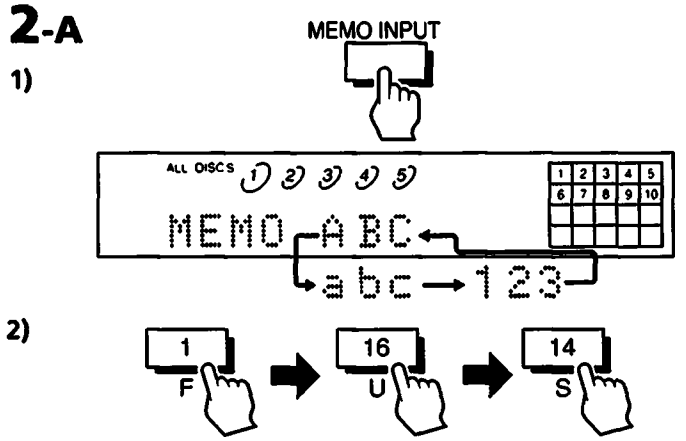


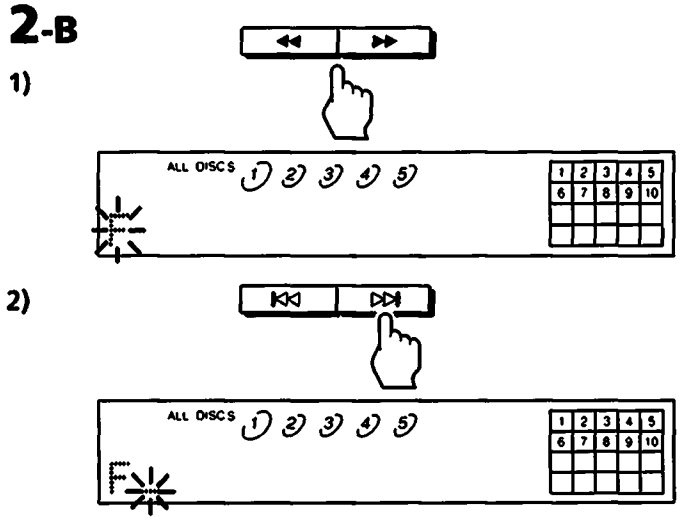
4 Repeat steps 2 and 3 to remove other selections.

If you remove all the selections from the clip, the indication "CLIP A (B, C or D)", corresponding to the clip you just erased, disappears.









Assigning Names to Discs – Disc Memo

You can input original disc memo titles instead of the disc numbers, "*DISC-1, 2 etc.*", assigning up to 10 characters to each title. Each time you select a disc, the disc memo title for the current disc appears in the display so that you can select the disc easily.

Assigning a Disc Memo to Your Disc

1 Place the disc to which you want to assign a disc memo into the disc compartment, then press ⏏ (or select the disc using DISC SKIP).

2 Enter a disc memo.

You can enter a disc memo quicker by using the numeric/letter buttons on the remote commander (see A. below). To enter symbols, use ◀◀, ▶▶ (see B below).

You can also enter a disc memo while playing the disc.

A. Using the numeric/letter buttons on the remote commander.

1) Press MEMO INPUT on the remote commander.

Each time you press MEMO INPUT, the display changes. You can choose upper or lower case letters, or numbers.

2) Press the applicable numeric/letter button on the remote commander.

The cursor shifts automatically.

B. Using ◀◀/▶▶.

1) Press or hold down ◀◀/▶▶ until the desired letter or symbol flashes while the player is stopped (while playing a disc, press MEMO INPUT first, then press or hold down ◀◀/▶▶).

2) Press ▷▷| to shift the cursor. The flashing letter lights up.

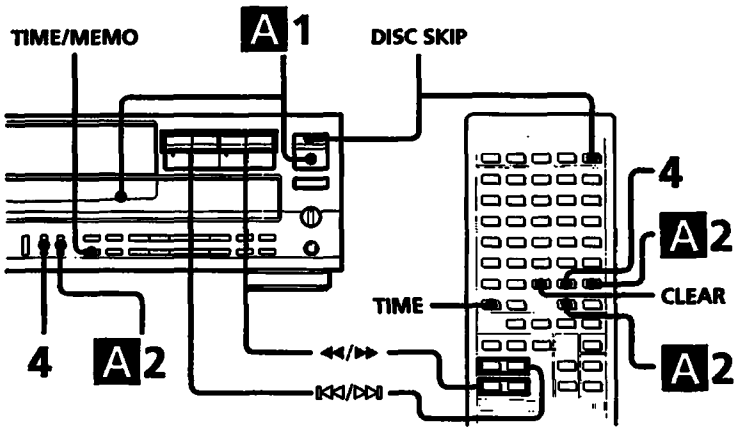
3 Repeat step 2 (A. or B.) to assign another number or letter to the disc memo.

You can enter up to 10 characters.

Available letters and symbols

When you press ◀◀, ▶▶ first, a space appears. Each time you press ▶▶, letters and symbols appear in the following order. Press ◀◀ to go back to the previous character.

(Space) A B C D E F G H I J K L M N O P Q R S T U V W X Y Z & a b c d e f g h i j k l m n o p q r s t u v w x y z ä ö ü : ; ( ) [ ] % $ # 0 1 2 3 4 5 6 7 8 9 → ← * · ! ? ' " , . –



4 **Press FILE.**
"MEMO FILE" appears briefly, then the disc memo you have entered is assigned to the current disc. Each time you select the disc, the disc memo appears in the display.

To enter a space
Press CLEAR.

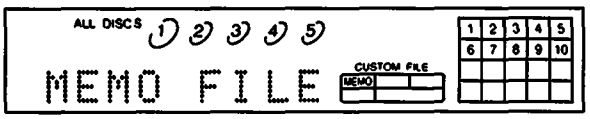
To shift the cursor
Press ▷▷I or I◁◁ to advance or move back the cursor.

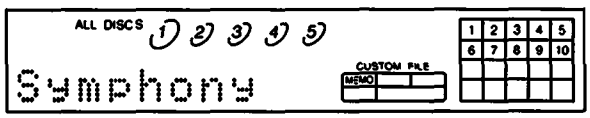
To choose upper or lower case letters, or numbers
Press MEMO INPUT repeatedly.

To rename the memo title
- If you have not get pressed FILE in step 4 above;
  Press I◁◁/▷▷I to locate the character you want to change, then select the desired letter/symbol using ◀◀/▶▶ or the numeric/letter buttons on the remote commander. To change a character to a space, press I◁◁/▷▷I to locate the character, then press CLEAR.
- If you have pressed FILE in step 4 above; Repeat steps 2 to 4.

To view a disc memo while playing a disc
Press TIME/MEMO (or TIME on the remote commander) repeatedly until the disc memo appears.

4

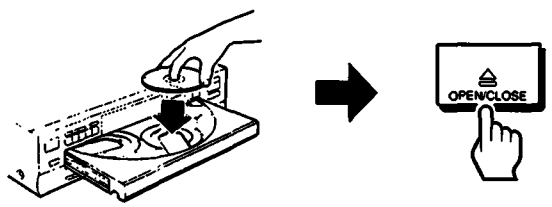




Clearing a Disc Memo A

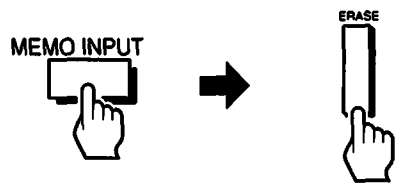
A

1

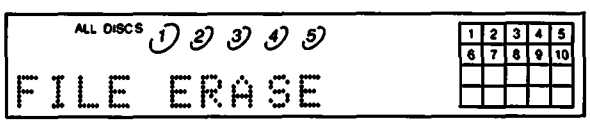


1 **Place the disc containing the disc memo you want to clear into the disc compartments, then press ⏏ (or select the disc using DISC SKIP).**

2

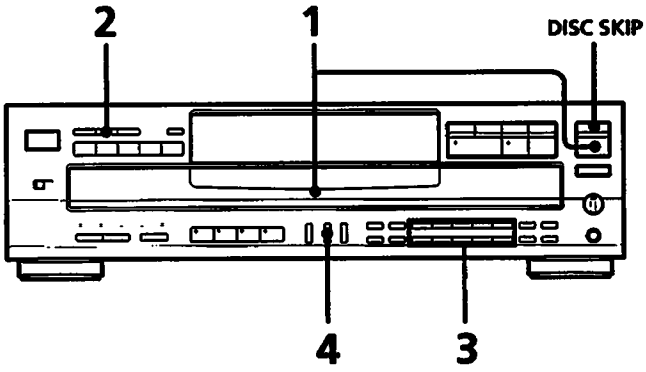


2 **Press MEMO INPUT on the remote commander (or ◀◀/▶▶), then press ERASE while the initial letter of the disc memo is flashing.**
"FILE ERASE" appears and the display shows the disc number (*DISC-1,2 etc.*).



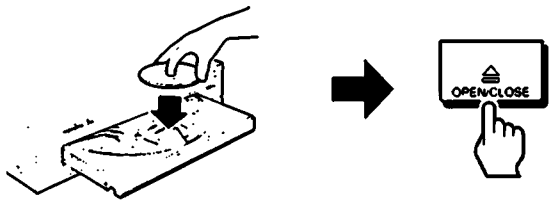
To assign disc memo titles by referring to disc labels
You can assign disc memo titles to all the discs on the disc tray while it is open. Enter a disc memo for the disc in the front loading position, then press DISC SKIP to turn the disc tray. Repeat this for other discs, then press FILE. The disc memo titles you have entered are assigned to each disc.

Storing Selections You Want to Play – Delete Bank



After deleting the selections you do not want to play from a disc, you can store the remaining selections on the disc you do want to play in "Delete Bank" memory. You can store one Delete Bank for each disc. When you play a disc with a Delete Bank in continuous or shuffle play mode, the deleted selections are always skipped. In program play mode, you can program an entire disc containing a delete bank as one step.

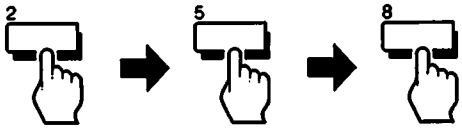
Choosing Selections You Want to Play

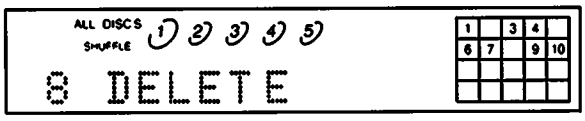
1 

1 Place the disc into the disc compartment, then press ⏏ (or select the disc using DISC SKIP).

2

2 Press SHUFFLE to choose "ALL DISCS" or "1 DISC".

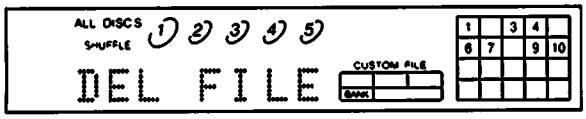
3 



3 Press the numeric (numeric/letter) buttons to delete the selections which you do not want to play.
The deleted selection numbers disappear from the music calendar. To recover a selection which you have deleted, press the numeric (numeric/letter) button for that selection.

4

4 Press FILE.
"DEL FILE" appears briefly. The selections are stored in the delete bank.



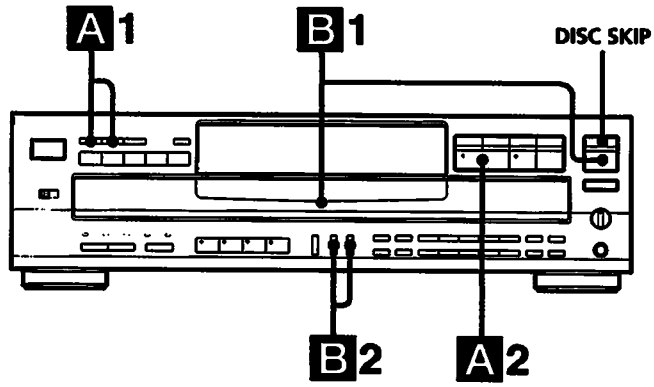
To delete a selection while playing
Press CLEAR to delete the current selection

To recover all the selections temporarily
Hold down CLEAR until "ALL SELECT" appears in the display.

To change the delete bank
Press numeric (numeric/letter) buttons to delete or recover selections, then press FILE.

Note on delete bank
Up to 99 selections can be deleted. If no selections are deleted, no delete bank is created.

Storing Selections You Want to Play



Playing the Discs Using a Delete Bank A

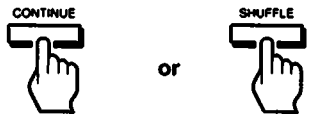
1 Press CONTINUE or SHUFFLE to choose "ALL DISCS" or "1 DISC".

2 Press ▷.

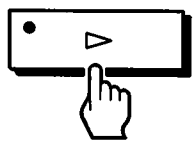
- When you choose "ALL DISCS", the discs in the player are played consecutively. If a disc has a delete bank, the deleted selections are skipped. If a disc does not have a delete bank, all the selections on the disc are played.
- If you choose "1 DISC", press DISC 1-5 to choose the disc you want to play.
- In program play mode, if you choose an entire disc containing a bank, only the selections stored in the bank are programmed in one step.

A

1



2



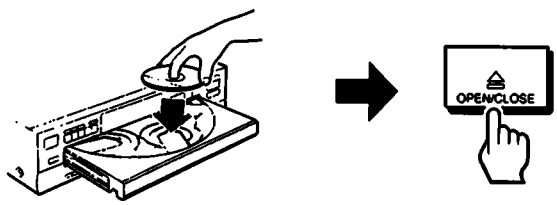
Clearing a Delete Bank B

1 Place the disc containing the delete bank you want to clear into the disc compartment, then press ⏏ (or select the disc using DISC SKIP).

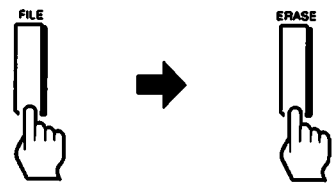
2 Press FILE, then press ERASE before "DEL FILE" in the display disappears.
"FILE ERASE" appears and "BANK" disappears. The delete bank is cleared.

B

1

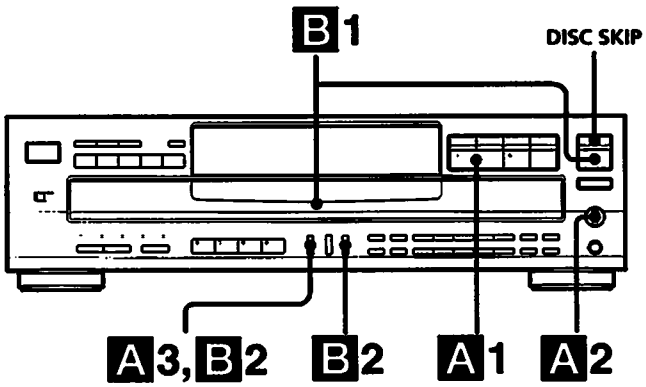


2

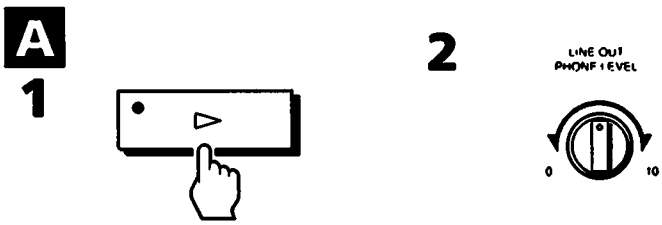


Storing an Optimum Playback Level for Each Disc – Level File (CDP-C745 only)

You can adjust and memorize the playback level for each disc. Each time you play a disc containing a Level File, the LINE OUT/PHONE LEVEL control automatically moves to the level you specified. This function is available when the amplifier is connected to the VARIABLE LINE OUT jacks and when you use headphones.



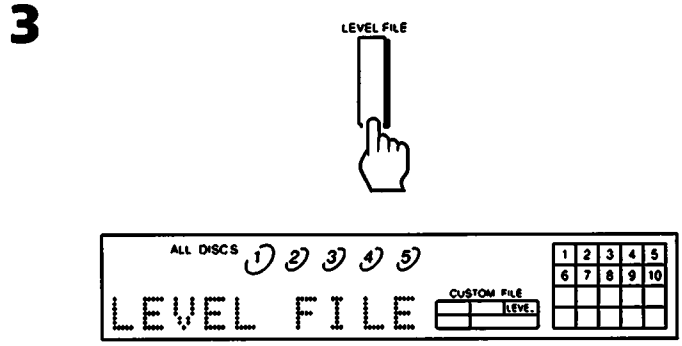
Memorizing an Optimum Playback Level A



1 Press ▷.

2 Adjust to the desired playback level.

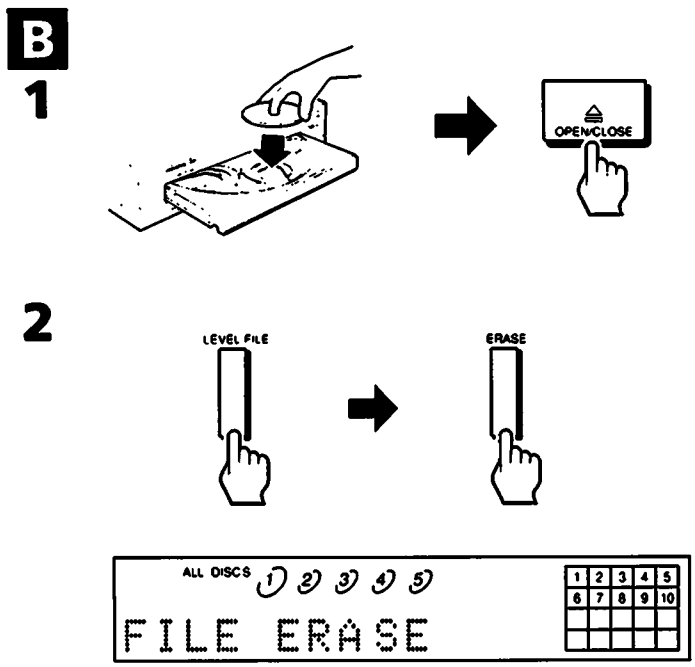
3 Press LEVEL FILE.
"LEVEL FILE" appears briefly.
The playback level is memorized



Clearing a Level File B

1 Place the disc containing the level file you want to clear into the disc compartment, then press ⏏ (or select the disc using DISC SKIP).

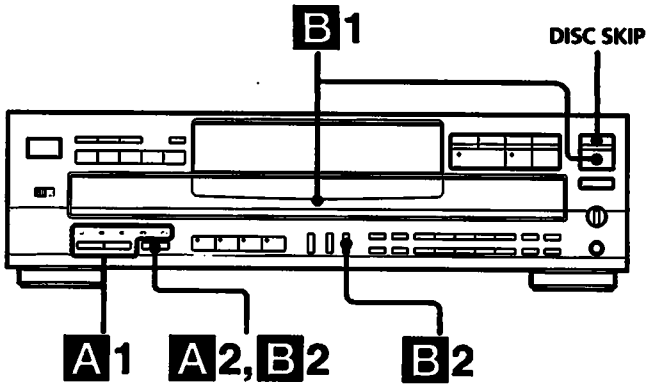
2 Press LEVEL FILE, then press ERASE before "LEVEL FILE" in the display disappears.
"FILE ERASE" appears and "LEVEL" disappears. The level file is cleared.



Note on Level File
Level file does not function when you use the DIGITAL OUT (OPTICAL) connection.

Memorizing a DSP Mode – DSP File (CDP-C745 only)

You can store a DSP mode, as well as DIRECT, for each disc. When you play a disc with a DSP file, the specified DSP mode is automatically set.



Making a DSP File A

1 Select the desired DSP mode or DIRECT.
See page 15.

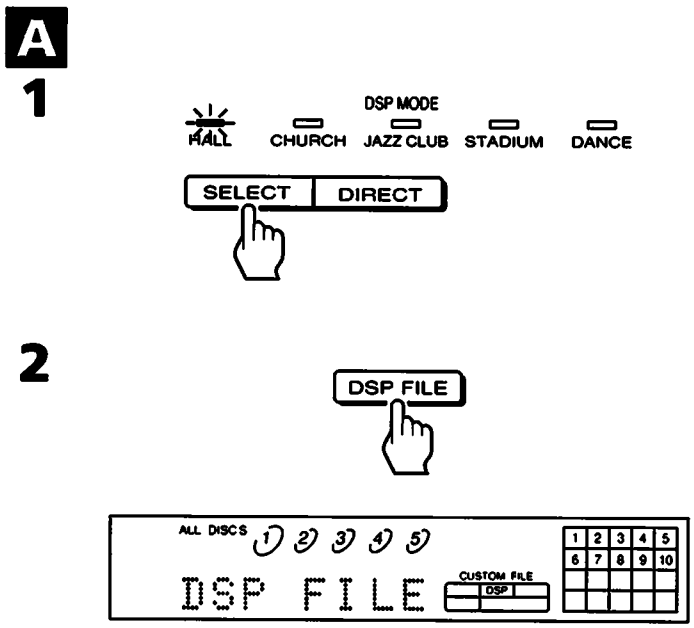
2 Press DSP FILE.
"DSP FILE" appears briefly.
The DIRECT mode also can be stored.

Playing a disc with a DSP file

Each time the disc is played, the specified DSP mode is automatically set.

To change a DSP file

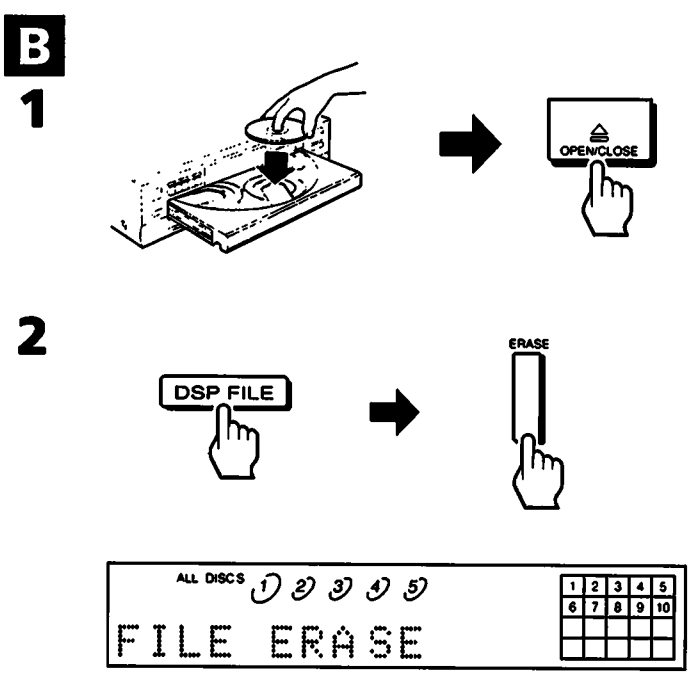
Select a new DSP mode, then press DSP FILE. The new DSP mode is stored in the DSP file.



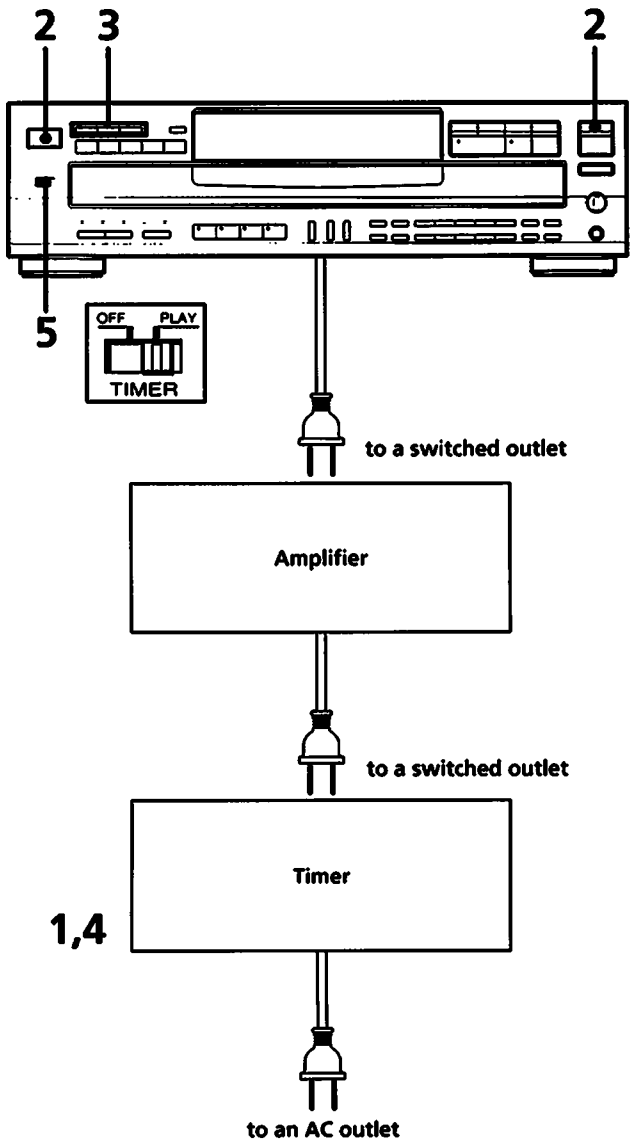
Clearing a DSP File B

1 Place the disc containing the DSP file you want to clear into the disc compartment, then press ⏏ (or select the disc using DISC SKIP).

2 Press DSP FILE, then press ERASE before "DSP FILE" in the display disappears.
"FILE ERASE" appears and "DSP" disappears. The DSP file is cleared.



Timer Activated Play



By connecting a commercially available timer, you can make the player start playing at the time you specify in any playing mode.

Connecting and Operating

1 Connect the timer to the player and turn on the timer.

2 Turn on the player and select a disc.

3 Set the desired play mode.

- **Continuous mode**
  The first selection on the current disc starts playing.
- **ALL DISC Shuffle mode**
  A disc is selected at random and a selection on the disc selected at random starts playing.
- **1 DISC Shuffle mode**
  A selection on the current disc, selected at random, starts playing.
- **Program mode**
  The first programmed selection starts playing.

4 Set the timer to the start time.

5 Set the TIMER switch on the player to the PLAY position.
Playing will start at the time you specified.

Leave the POWER switch depressed on the player

When the timer is set, the power to the player will be shut off. However, be sure to leave the player's POWER switch on.

When timer-activated playing ends

Set the TIMER switch to OFF. If the TIMER switch is left at PLAY, the player will automatically start playing the next time the player is turned on.

To start playing by turning the POWER switch on.

Set the TIMER switch to PLAY. The player will play the disc when you press POWER to turn on the player.

Specifications

Compact Disc Player

System	Compact disc digital audio system
Laser	Semiconductor laser
Wavelength	780 – 790 nm
Frequency response	CDP-C745 2 Hz – 20 kHz (± 0.3 dB) CDP-C545 2 Hz – 20 kHz (± 0.5 dB)
Signal to noise ratio	More than 107 dB
Dynamic range	More than 98 dB
Harmonic distortion	CDP-C745 Less than 0.0027% CDP-C545 Less than 0.0030%
Channel separation	More than 100 dB

Outputs

LINE OUT (FIXED) (phono jacks)	Output level 2 V (at 50 kilohms, non DSP mode.) Load impedance over 10 kilohms
LINE OUT (VARIABLE) (phono jacks) (CDP-745)	Output level max. 2 V (at 50 kilohms, non DSP mode.) Load impedance over 50 kilohms
DIGITAL OUT (OPTICAL) (optical output connector)	Wave length 660 nm Output level –18 dBm
PHONES (stereo phone jack)	Output level max. CDP-C745 15mW CDP-C545 10mW Load impedance 32 ohms

General

Power requirements	Model for the USA 120 V AC, 60 Hz Model for Australia 240 V AC, 50/60 Hz
Power consumption	15 W
Dimensions (approx.)	430 × 125 × 385 mm (w/h/d) (17 × 5 × 15 1/4 inches) Including projecting parts and controls
Mass (approx.)	5.7 kg (12 lbs 10 oz), net

Remote Commander RM-D745 (CDP-C745)
RM-D545 (CDP-C545)

Remote control system	Infrared control
Power requirements	3 V DC with two size AA batteries (IEC designation R6)
Dimensions (approx.)	62 × 20 × 175 mm (w/h/d) (2 1/2 × 13/16 × 7 inches)
Mass (approx.)	131 g (4.7 oz) including batteries

Design and specifications are subject to change without notice.

Troubleshooting

Before going through the check list below, first refer back to the applicable connections and operating procedures.
Should problem persist after you have checked these items, consult your nearest Sony service facility.

Symptom	Cause	Remedy
The disc tray does not close.	The disc is not placed correctly.	Place the disc correctly on the disc tray
Play does not start.	The disc is dirty.	Clean the disc.
	The disc is inserted upside down.	Insert the disc with the printed side up.
	The player is in pause mode.	Press ▷ or ▮▮ to release pause.
	Moisture has condensed in the player.	Leave the player on for approximately one hour.
"– NO DISC –" appears.	There is no disc in the player.	Insert a disc.
"6 DISCS" appears.	Six discs are inserted.	Remove a disc from the disc tray
No sound is heard.	There is a loose connection.	Insert the plug firmly.
	The connection is incorrect.	Check the connection. See "Hooking up the system" on page 5.
Play does not begin from the first selection.	The player is in program or shuffle play mode.	Press CONTINUE.
Two or more discs cannot be played consecutively.	The player is in the 1 DISC mode.	Press CONTINUE to choose ALL DISCS mode.
"– OVER –" is displayed.	▶▶ was continuously pressed at the end of the disc.	Press ◀◀ or ⏮ to return to the normal indication.
The remote commander does not operate the player.	The batteries are weak.	Replace both batteries.
	The remote commander is not pointed at the remote sensor.	Point the remote commander at the sensor.
	There is an obstacle between the remote commander and the player.	Remove the obstacle.
	The remote commander is too far from the player.	Move it closer.

Note

This unit uses several micro-computer chips to control a series of operations. Sometimes an operation may not work properly due to the condition of the power being supplied. In this case, turn the power off, then turn it back on and retry the operation.